

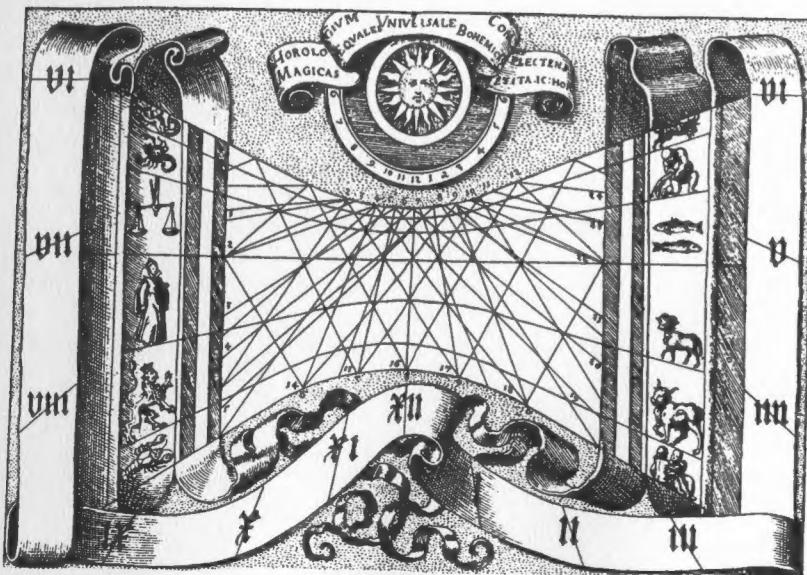


THE MAGICAL CALENDAR

A SYNTHESIS OF MAGICAL
SYMBOLISM FROM THE
SEVENTEENTH-CENTURY
RENAISSANCE OF
MEDIEVAL OCCULTISM

Translation and Commentary
by Adam McLean

MAGNUM OPUS HERMETIC SOURCEWORKS



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MAGNUM OPUS HERMETIC SOURCEWORKS #1

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Introduction

The *Magical Calendar* is one of the largest single copperplate engravings ever made. Measuring 48 by 24 inches, it was published at Frankfurt in 1620 during the early seventeenth-century renaissance of Hermetic publishing.

Tycho Brahe inventor 1582

*Auth: IOHAN BAPTISTA
Grafchedel ab Alchis
To Theodore de Bry exant*

The original engraving of the *Magical Calendar* bears three names at the bottom right corner. These were erased on the 1922 de Mely reprint which Phanes Press used for the poster illustration which accompanies this book.

Tycho Brahe inventor 1582

Although his name appears at the bottom right hand corner of the plate, the *Magical Calendar* probably has no direct connection with Tycho Brahe (1541–1601), the famous Danish astronomer and astrologer, whose precise observations of the movements of the planets enabled Kepler to construct his laws of planetary motion. It seems most likely that the well known name of Tycho Brahe was associated with the *Magical Calendar* in order to gain a degree of publicity and supposed authority for the work. Certainly there is nothing in Brahe's accepted corpus of writings of a similar nature. Indeed the astronomical and astrological content of the plate is minimal: there are but three tables of purely astronomical import. The *Calendar* is a vehicle for a synthesis of magical and numerical symbolic philosophy, and there are no internal references which

would otherwise connect the work with Tycho Brahe. The 1582 date is obviously spurious.

*Auth: JOHAN BAPTISTA
Grosschedel ab Aicha*

It is perhaps more significant that the name of Johann Baptista Grosschedel von Aicha appears as author on the left hand side of the plate. Almost nothing is known of Grosschedel except that he wrote two books on Hermetic alchemical matters, the *Proteus Mercurialis Geminus*, and the *Trifolium Hermeticum*, both published at the same place as the *Magical Calendar*, i.e. at Frankfurt in 1629. It seems likely that Grosschedel was the editor and compiler of the correspondences and symbolism, though later editors of this material have sought to obscure and undervalue his contribution. In the British Library there is a manuscript MS. Harley 3420, in Latin with some short sections in German, which is obviously important for an assessment of Grosschedel.

On the recto of folio 1 is the title:

Dispositio Numerorum Magica Ab Unitate usque ad Duodenarium Collecta, singulari industria, compilatione diversa, magno labore, et investigatione sibi suisque. A Joanne Baptista Grosschedelio Equite Romano ab Aicha, Philomago, Lucisque a Gratiae, a Naturae [indagatori] Vigilantissimo. Anno 1614.

The verso reads:

H. C. A. Lib 2. C. 3. . . . Descriptio Calendarii Magici Naturalis perpetuus Occultae seu secretioris Philosophiae cognitionem et contemplationem complectens. . . . NB . . . Calendarium . . . Martin Ludwig von Remchingen [?] . . . durch Theodorum de Bry . . . Anno 1619.

[“H.C.A. Lib 2. C.” is a reference to Henry Cornelius Agrippa, *Occult Philosophy*, Book 2, Chapter 3.]

This manuscript could well be the archetype from which the

Calandarium was constructed. All the information on the *Magical Calendar* is included in this manuscript along with extra material that does not appear on the engraving. However, a number of later dates in the 1630s also appear in the margins, so one cannot be sure without further study whether this manuscript predates the printed version or is a later copy.

Io Theodoro de Bry ex auct.

The last important figure to be associated with the *Magical Calendar* is Johannes Theodorus de Bry (1561–1623). He was the eldest son of Dirk Theodorus de Bry, a skillful producer of prints and illustrated books, who established the family printing business in Frankfurt on Main around 1590. Johann surpassed his father both in technical skill and in composition, and he began to specialize in the publication of emblem books, alchemical and mystical writings, in particular the important encyclopedic surveys by Robert Fludd of Hermetic philosophy and some of the works of the Rosicrucian writer Michael Maier. The copperplate engravings produced by his press are unsurpassed in technical brilliance, but in addition to this de Bry and the fellow engravers in his company possessed the rare ability to express philosophical and spiritual ideas in pictorial form.

Little is known of the background of de Bry but it has been suggested that he and his family were members of an esoteric sect known as the Family of Love, which developed certain mystical and allegorical interpretations of biblical texts. The Family of Love sect seems to have had a considerable involvement in the world of publishing during the early seventeenth century, and may have been instrumental in publishing some of Giordano Bruno's work and reprinting John Dee's *Hieroglyphic Monad*. Whatever may be made of de Bry's involvement in esoteric groups, he certainly played a vital part in the promulgation of that stream of wisdom which came to the surface in the early seventeenth century as Rosicrucianism. According to both Ferguson in *Bibliotheca Chemica* and the British Library catalogue, the engraver of the

Magical Calendar was Mathieu Merian, de Bry's son in law, a prolific artist who was responsible for the complex series of engravings in the works of J. D. Mylius, the series of fifty emblematic figures in Michael Maier's *Atalanta Fugiens*, and many other titles. Indeed, he provided illustrations for most of the important Hermetic books of this period.

Sources

It is possible to identify some of the original sources from which the *Magical Calendar* was compiled. The most important primary source is Henry Cornelius Agrippa's *De occulta philosophia libri tres*, first published at Cologne in 1533, but which went through many editions in the 16th century. Agrippa uses the same format—tables of correspondences connected with the numbers one to twelve—but, although there are similarities in the two lists, the *Magical Calendar* is by no means a straight copy of Agrippa's tables. Much material is added, and some deleted. Interestingly, while Agrippa provides in the lowest section of each table a demonic correspondence in the infernal world, the *Magical Calendar* engraving does not include these. It would seem that the compiler wished not to include any "demonic" or "evil" associations, and thus desired to present the *Calendarium* as an example of the purest, spiritual, white magic. Other items which have been borrowed from Agrippa are the magic squares, the Intelligences and Spirits of the seven planets, together with their sigils and seals.

Another obvious source is the *Heptameron* or "Magical Elements" of Peter of Abano (1250–1318), which provides us with the seven Archangelic sigils, the four names of the Earth and the Angels of the four seasons. The "Archidoxes of Magic," a work pseudonymously ascribed to Paracelsus (1493–1541) furnishes a series of sigils for the twelve signs, and the table of the transmutation of the metals. The compiler of the *Magical Calendar* also possibly had access to some examples of magical manuscripts circulating in the early seventeenth century, a number of which had lists of correspondences and angel names.

Later Printed Editions of the *Calendarium*

In the late eighteenth century du Chenteau published a large engraving, the *Calendrier Magique et Perpétuel*, which was derived from the seventeenth-century engraving, but with many additions. The correspondences had been translated into French, and were now joined by diagrams copied from Georg von Welling's *Opus Mago Cabballisticum* (1719), Robert Fludd's *Utriusque cosmi historia* (1617–21), and a number of engravings from seventeenth century alchemical works. The engraving was also given a masonic dimension by placing the two pillars of Jakin and Boteaz (sic) on the top left and right. The full title of this version is:

Calendrier magique et perpétuel contenant la contemplation des choses les plus profondes, et les plus secrètes, avec la connaissance complète de la philosophie. Le Tout Deffiné et Gravé dans un nouvel Ordre, Rectifié et Combiné, avec les Articles du Titre suivant. Par le T. V. F. du Chenteau Mathématicien. . . Carte philosophique et mathématique dédiée à son A.R. Monseigneur le Duc Charles Alexandre de Lorraine et de Bar. . . Bruxelles, 1755.

The du Chenteau engraving was reissued by Giuseppe Wopatetzky at Turin in 1866, under the title *Teletes* (reprinted Milan: Archè, 1977).

The correspondences of the *Magical Calendar* were also shown in a book by Fortunatus de Grippis, *De superstitione et vinculis daemonum secundum Aegyptiorum et Chaldaeorum dogmata iuxta etiam Tychonis Calendarium accurate emendatum*, Milan, 1805.

In 1922 F. de Mély edited and published at Paris a facsimile reprint of the *Virga Aurea*, "the heavenly golden rod of the Blessed Virgin in seventy two praises." The "rod" refers to the letters of a language. This large engraving (about 20 by 32 inches) was originally published in 1616 at Rome, and was the work of James Bonaventure Hepburn (1573–1620), a Scot who was the Keeper of Oriental Books and Manuscripts at the Vatican library during the early part of the seventeenth century. Hepburn, a most respected

linguist and scholar, seems to have had a considerable interest in the occult, and it is remarkable that he was able to publish his translation from Hebrew into Latin of a kabbalistic text entitled "the Kettar Malcuth of Rabbi Solomon." He must have achieved high standing and reputation to be able to do this quite openly, during a period in the history of the Roman Church when heresy and occultism were proscribed. Witness how the Church dealt at this time with both Galileo and Giordano Bruno.

The *Virga Aurea* plate consists of a list of seventy two alphabets, including both the letters of living languages and also a large number of artificial magical alphabets, the letters of which are also sigils. These lists are headed by a large image of the Virgin.

De Mély in his 1922 edition includes the *Magical Calendar*, printed full size but split into three separate plates, as if it were part of the *Virga Aurea*, when it is obvious even from a superficial consideration of the engraving styles that they are not part of the same work. It seems most likely that these two large engravings, being from the same period and bearing strange magical signs, were bound together by a previous owner or librarian, and de Mély assumed that they were all one work.

Some Manuscript Copies of the *Calendarium*

I have already referred to the British Library MS. Harley 3420. This is probably the earliest manuscript. At the time of writing this introduction, I have not been able to determine whether it predates the publication of the *Magical Calendar*. Much could be gained by a detailed analysis of this manuscript.

Another important seventeenth-century manuscript is in the National Library of Austria in Vienna, MS. Lat. 11313. [A facsimile is shown in K. A. Nowotny's edition of Agrippa's *Occulta philosophia*, published at Graz in 1967.] This beautifully drawn manuscript attempts to pass itself off as being much earlier by bearing the date "1503," and presents itself as if emanated from the circle of Johannes Trithemius (1462–1516), the Abbot of Sponheim, a profound scholar of the magical and Hermetic traditions. Trithemius was able to gather at his monastery an extensive library of manuscripts, and as his reputation as a scholar of this arcane

material grew, he gathered a small group of pupils whom he inspired to work with this store of Hermetic lore. He was particularly influential upon the two most important Hermetic writers of the sixteenth century, Henry Cornelius Agrippa von Nettesheim (1486–1535), and Philippus Theophrastus Paracelsus (1493–1541). The Vienna manuscript contains on folio 2 this attempted link with Trithemius:

You who aspire to search for the greatness of the natural magic of Johannes Trithemius, Abbot of Sponheim, should be a good and pious man, honourable and constant in word and deed, of firm faith in God, wise, and greedy for nothing except our wisdom. In the year of the Lord, 1503.

The manuscript, however, betrays itself as being copied from the printed plate, as the copyist has misread a slip of the engraver's tool under the letter "R" in the word "BARCHIEL" which makes it appear like a "B," and the Vienna MS. transcribes this word in lower case as "Babchiel." The "1503" date is also entirely fictitious as the manuscript includes the astronomical table with references to new and old style dates, which was brought about by the revision of the calendar by Pope Gregory in 1582. The copyist of this manuscript was attempting in a rather clumsy way to suggest that the *Magical Calendar* arose from the work of Trithemius. In a way, perhaps he was correct. The *Calendarium* draws heavily from Agrippa, and it may well be that he in turn gained much of his knowledge of this elaborate magical symbolism from his period under the tutelage of Trithemius. However, more primary research would be needed into the manuscripts and associations of Trithemius in order to sustain this thesis.

An early eighteenth-century Italian manuscript of the *Magical Calendar* in the Biblioteca Philosophica Hermetica in Amsterdam also suggests this link with Trithemius. This manuscript is the *Operatio astronomica* of Rutilio Benincasa and is dated 1708. On page 92 we find the note "Notizie kabalistiche sul Kalendario Magico. Questo Kalendario trovato nei Mstti di Rutilio Benincasa . . . e quella chiave misteriosa ed occulta che tanto lodo l'abbate

Tritemio, Cornelio Agrippa . . . Non è altro proprio questo che una riunione di tutti gli scritti misteriosi de questi autori." Thus this note suggests that the *Magical Calendar* in the hand of Rutilio Benincase (which begins on page 97 of the manuscript), is nothing other than a compilation from the writings and documents of Trithemius and Agrippa.

One of the most beautifully illustrated of the later manuscript copies of the *Calendarium* is in Yale University, Mellon collection, MS. 72, dated around 1700.

There are a number of other later manuscript copies of the *Calendarium* which I will list here; however I do not pretend that this is a complete listing:

London, Wellcome Institute, MS. 321. [c.1650].

Johann Baptist Grosschedel. Annotations sur le Calendrier naturel et cabalistique.

[By an unnamed commentator. Interleaved is a copy, cut up into eleven strips, of the engraved broadside "Calendarium naturale magicum perpetuum," published by J. T. de Bry.]

London, Wellcome Institute, MS. 2640. [1716]

Grosschedel, Johann Baptist. *Calendarium naturale magicum perpetuum profundissimam rerum secretissimarum contemplationem totiusque philosophiae cognitionem complectens*. Copied by F. Vallée, mathématicien en 1716 à Paris.

[Illustrated with pen and wash drawings.]

London, Wellcome Institute, MS. 2641. [Mid 18th century.]

Grosschedel, Johann Baptist. *Calendarium naturale magicum perpetuum profundissimam rerum secretissimarum contemplationem totiusque philosophiae cognitionem complectens*.

[Illustrated with pen drawings.]

[Armorial book plate of Ignatius Dominicus S. R. Comes de Chorinsky.]

Glasgow University Library, MS. Ferguson 2. [Early 19th century.]

[Grosschedel ab Aïcha.]

Magnum Grimorium sive *Calendarium Naturale Magicum perpetuum*

profundissimarum rerum secretissimarum contemplationem totiusque philosophiae cognitionem complectens.

[This is a copy of the "Calendarium Naturale Magicum," compiled by Grosschedel von Aicha and published by de Bry in 1620. The emblematic figures from the original engraving have been cut up into individual sections and pasted into this manuscript, and the text from the original plate added in black and red lettering. Each page is set within a red border decorated at the top. The *Calendarium Naturale Magicum* is thus analyzed in its various sections "Tabula Prima . . . Tabula Duodecima." Additional text material in way of explanation and examples has been added to the sections within the Tabula Septima dealing with the seven planetary onomantic tables of fortune.]

[Note inside back cover]: "This looks like one of Bacstrom's Ms."

Los Angeles, Manly Palmer Hall [P.R.S.], MS. 191. [18th century.]

[Part of Cagliostro Collection, MS. 119.]

Des Nombres. Voicy en qu'en rapport le Savant Mitologiste, ou le Adam Mitologue de ce Siecle, Mr. Antoine Joseph Pernety, Religieux Benedictin de St. Maur En 1758. Sur qu'il en a retire de la Sublime carte de tycho-brahe.

[Some of the material is taken from the *Magical Calendar* engraving.]

Rome, Biblioteca dell'Accademia dei Lincei. MS. Verginelli-Rota 36. [19th century.]

Calendarium Naturale Magicum Perpetuum Profundissimam Rerum Secretissimam Contemplationem, Totiusque Philosophiae Cognitionem Complectens.

Dresden, MS. N. 67a. [18th Century]

Calendarium Naturale Magicum Perpetuum profundissimarum rerum secretissimarum contemplationem totiusque philosophiae cognitionem complectens. Authore [Iohannes Baptiste] Grosschedel ab Aïcha [without figures].

Conclusion

The *Magical Calendar* made its appearance in 1620. It provided a synthesis of the magical symbolism of the Renaissance and medieval periods, arising out of the esoteric school of Johannes Trithemius, and was worked into an organized form suitable for the early seventeenth century by a publisher with Rosicrucian connections. It thus contributed towards the magical symbolism side of the Hermetic revival in the seventeenth century. The *Calendar* continued to inspire Hermeticists, as we can see from the manuscript copies and printed versions, into the present century.

Although it is possible to view the *Magical Calendar* in a merely historical context, it would be quite wrong to see it as something bound in the past. The esoteric content of the *Magical Calendar* is not dead. It can still be pursued today, for the *Magical Calendar* enshrines a way of synthesis that has become more and more lost to humanity since the Renaissance, with the rise and eventual dominance of the abstract, analytical mode of thought. Magical or Hermetic thinking is the ability to see ideas as part of a whole—to see the interconnections, the correspondences, between seemingly diverse events, things and ideas. The magician thinks in terms of the fourfoldness in the world, or finds the sevenfoldness of the planetary archetypes all around him.

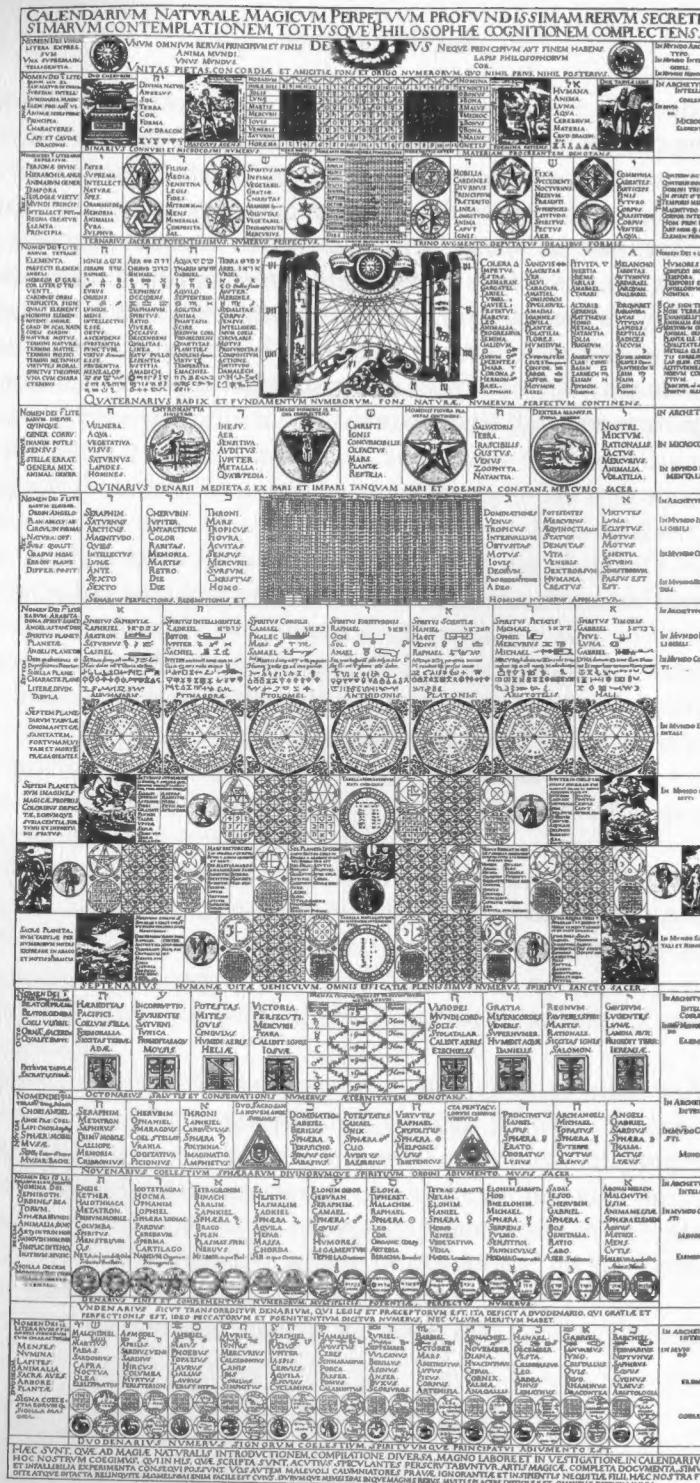
We need to reconnect with this Hermetic mode of thought, this magical way of looking at the world. Alchemy and symbolic magic, two facets of Hermeticism, are not weird offshoots of human eccentricity belonging to a now dead phase of our culture, but indeed contain the germ of the future development of our consciousness.

What lives in the Hermetic tradition as spiritual impulse will have to be recovered and transformed through human activity into a philosophy, a path of spiritual training and inner development, that is in harmony with the present stage of the evolution of the human soul. The magical mode of thought enshrined in the *Magical Calendar* will always live within us as a source, an inner treasury, that provides the key to the nature of our being.

During the closing years of the twentieth century, humankind

has penetrated even more deeply into the material sphere; in consequence, we now require a spiritual philosophy and esotericism that also encounters the material directly. This is indeed found in Hermeticism, both in alchemy, which works spiritually with substances, and in symbolic magic, which works with colors, geometric forms, smells and sounds to transform the human soul.

The *Magical Calendar* is a bridge between what lived in early seventeenth-century Hermeticism and what can come into being as the future evolution of human consciousness. In this sense it is an important and still living work.



The Magical Calendar

HAC AVANT, QVE AD MAGIE NATURALIS INTRODUCTIONEM COMPLIATIONE DIVERSA, MAGNO LABORE ET IN INVESTIGATIONE, IN CALENDARIVM ET INFALLIBILIA EXPERIMENTA CONVENTA, VULGO CALLED, ET INSTRVCTA, NEGULIT FILI HUIC NOSTRIS TRAVELIS, DILETIVITATIBVS REUNIENDA MAMMELIBVS ENIM FACILEM QVIS, DIBROMQVE HABENDA BICO MAGNI REBUS, MVLTI PLACIDIS QVISSE ET QVISSE DIFFICILLIMIS.



The one lettered Name of God: Yod

One, the beginning and end of all things,
without beginning or end.

One Soul of the World

One World

One Philosopher's Stone

One Heart

One Supreme Intelligence

Unity, piety, the source of harmony and friendship and origin of
the Numbers, having nothing preceding or following.



One King of the Stars, the Source of Light.



Also, one Phoenix in the World.

The two lettered Name of God: Iah, El



י	Divine Nature	Human Nature
ח	Angelic	Soul
ו	Sun	Moon
ו	Earth	Water
ו	Heart	Brain
ו	Form	Material
ו	Dragon's Head	Dragon's Tail
ז	Twofold Characters ¹	王大△△△△△

Male Active
Death followed from this fruit of the knowledge of Good and Evil.

The serpent, an animal distinguished from all other creatures by godlike cleverness and arrogance, lives beneath the Tree.

Female Passive
She eats of the Tree that she might share an eternal sympathy.

The knowledge of this tree is impressed naturally, through the serpent sitting beneath this tree of Luciferic death.

The Binary—The number of marriage and of the Microcosm, denoting material procreation.

HORARVM	YAYN	LANOR	NASNIA	SALA	SADEDALI	TANUR	OVR	TAINC	NERON	IAYON	ABAI	NATALON
HORÆ DIEI	8	9	10	11	12	1	2	3	4	5	6	7
SOLIS	♀	○	♂	○	○	○	♀	♂	○	♂	○	○
LVNÆ	○	○	○	○	○	○	♂	♀	○	♂	○	○
MARTIS	♂	○	○	○	○	○	○	♀	○	○	○	○
MERCVRII	♂	○	○	○	○	○	○	♂	○	○	○	○
IOVIS	○	○	○	○	○	○	♂	○	○	○	○	○
VENERIS	○	○	○	○	○	○	○	○	○	○	○	○
SATVRNI	○	○	○	○	○	○	○	○	○	○	○	○
HORÆ MA	1	2	3	4	5	6	7	8	9	10	11	12
HORÆ NOCTIS POSTERIORES				HORÆ ANTE MERIDIANE								

This illustration shows the hours of the Day and Night with their planetary associations, for the seven days of the week. ○ and ♀ are seen as being of good influence, while ♂ and ♂ are of evil aspect, and ♀ has both these facets.

Choosing the correct hour for a magical operation was deemed of major importance in Renaissance magic, and tables with this information are found in many books and manuscripts.

The names of the hours, as seen above, are also found in the Heptameron of Peter of Abano, though there are minor variations of spelling. These are shown opposite for comparison.

NOMINA	ET NOCTIS		OBONVS	OBONA	OMALVS	OMEDIOC	OBONVS	OBONA	OMALVS	GNETIS		
HORÆ POMERIDIANE	8	9	10	11	12	1	2	3	4	5	6	7
	○	♀	○	○	○	○	♂	○	○	○	○	○
	○	○	○	○	○	○	○	○	○	○	○	○
	○	○	○	○	○	○	○	○	○	○	○	○
	○	○	○	○	○	○	○	○	○	○	○	○
	○	○	○	○	○	○	○	○	○	○	○	○
	○	○	○	○	○	○	○	○	○	○	○	○
	○	○	○	○	○	○	○	○	○	○	○	○
HORÆ NOCTIS ANTERI ORES	1	2	3	4	5	6	7	8	9	10	11	12

Hours of the Day

Magical Calendar

- 1 Yayn
- 2 Lanor
- 3 Nasnia
- 4 Sala
- 5 Sadedali
- 6 Tanur
- 7 Ovre
- 8 Tainc
- 9 Neron
- 10 Iayon
- 11 Abai
- 12 Natalon

Heptameron

- Yayn
- Janor
- Nasnia
- Salla
- Sadedali
- Thamur
- Ourer
- Tanic
- Neron
- Jayon
- Abay
- Natalon

Hours of the Night

Magical Calendar

- 1 Beron
- 2 Barol
- 3 Thain
- 4 Atir
- 5 Mathon
- 6 Rana
- 7 Netos
- 8 Tarac
- 9 Sasur
- 10 Aglo
- 11 Caerva
- 12 Salam

Heptameron

- Beron
- Barol
- Thanu
- Athir
- Maton
- Rana
- Netos
- Tafrac
- Sassur
- Aglo
- Calerna
- Salam

The three lettered Name of God: Shaddai

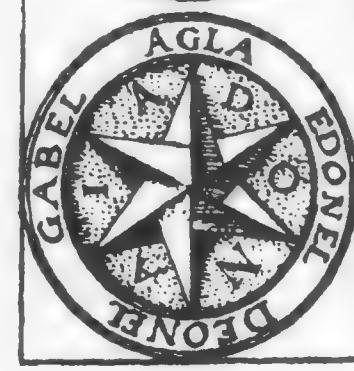
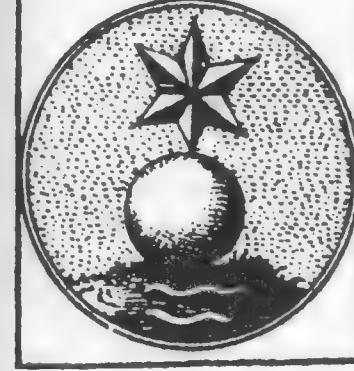
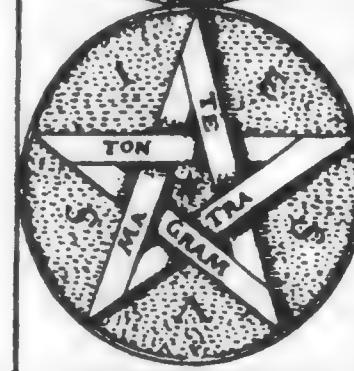


Three Divine Persons	בָּבָרָה	בָּבָרָה	בָּבָרָה
Three Angelic Hierarchies	בָּבָרָה	בָּבָרָה	בָּבָרָה
Three Species of Soul	בָּבָרָה	בָּבָרָה	בָּבָרָה
Three Rules	בָּבָרָה	בָּבָרָה	בָּבָרָה
Three Theological Virtues	בָּבָרָה	בָּבָרָה	בָּבָרָה
Three World Principles	בָּבָרָה	בָּבָרָה	בָּבָרָה
Three Intellectual Powers	בָּבָרָה	בָּבָרָה	בָּבָרָה
Three Kingdoms of Creation	בָּבָרָה	בָּבָרָה	בָּבָרָה
Three Elements	בָּבָרָה	בָּבָרָה	בָּבָרָה
Three Principles	בָּבָרָה	בָּבָרָה	בָּבָרָה

The Ternary, sacred and most powerful, the perfect number—to add to the Three, departs from the ideal forms.



Three Quaternies of Celestial Sign	MOVABLE	FIXED	COMMON
Three Quaternies of Zodiacial House	ANGULAR CARDINAL	SUCCEDENT EXALTATION	CADENT FALL
Three Masters of the Houses	DAY	NIGHT	TWILIGHT
Three Spirits in Time	BEGINNING	MIDDLE	END
Three Measures of Time	PAST	PRESENT	FUTURE
Three Measures of Magnitude	LENGTH	AREA	VOLUME
Three Dimensions of a Body	LENGTH	BREATH	THICKNESS
Three Principal Parts of Man	SOUL	SPRIT	BODY
Three Parts of Man Corresponding to the Three Worlds	HEAD	BREAST	BELLY
Three Elementary Principles	FIRE	AIR	WATER





2



30

MARTIVS.	20	21	24	25	28	1	3	5	7	9	11	13	15	17	19	21	31
APRILIS.	22	24	26	28	30	8	2	4	6	8	10	12	14	16	18	20	30
MAYVS.	20	22	24	26	28	30	1	3	5	7	9	11	13	15	17	19	31
IVNIVS.	21	23	25	27	29	31	1	3	5	7	9	11	13	15	17	19	30
IVLIVS.	18	20	22	24	26	28	30	1	3	5	7	9	11	13	15	17	31
AVGVSTVS.	19	21	23	25	27	29	31	1	3	5	7	9	11	13	15	16	31
SEPTEM.	17	19	21	23	25	27	29	1	3	5	7	9	11	13	15	17	30
OCTOB.	18	20	22	24	26	28	30	1	3	4	6	8	10	12	14	16	31
NOVEM.	15	17	19	21	23	25	27	29	31	1	3	5	7	9	11	13	30
DECEMB.	16	18	20	22	24	26	28	30	1	3	5	7	9	11	13	15	31
IANVAR.	17	19	21	23	25	27	29	31	1	3	5	7	9	11	13	15	31
FEBRVAR.	16	18	20	22	24	26	28	30	1	3	4	6	8	10	12	14	28
DIES.	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	

**TABELLA SIGNVM GRATVMQUE SOLIS
INDICANS.**

31

31

FOUR

The four lettered Name of God: Tetragrammaton

ה	ת	ת	ת
IGNIS. ΔΩΣΧ.	AER # תְּתֵת	AQVA. תְּשֵׁב	TERRA Θַרְפָּעָה
SERAPH. תְּרָשָׁה.	CHERVB. כְּרוּבָה	THARSIS. וְתָרָסִית	ARIEL. אַרְיָה
RAPHAEL.	MICHAEL.	GABRIEL.	VRIEL.
וְ. Δ. זָה.	וְ. זָה. זָה.	וְ. וְ. זָה.	וְ. Θ. קָה.
EVVRVS.	ZEPHIRVS.	AQVILo.	CO Stellafocie
ORIENS.	OCCIDENS.	SEPTENTRIO.	AVSTER.
וְ. זָה. זָה.	וְ. זָה. זָה.	וְ. מְ. זָה.	MERIDIES.
LVMEN.	DIAPHANVM.	AGILITAS.	8. Μ. Σ.
MENS.	SPIRITVS.	ANIMA.	SODALITAS.
INTELLECTVS.	RATIO.	PHANTASIA.	CORPVS.
ESSE.	VIVERE.	SCIRE.	SENSVS.
ORTVS.	OCASVS.	MEDIUM COEL.	INTELLIGERE.
ASCENDENS.	DESCENDENS.	PROGREDIENS.	IMVM COELI.
SVBSTANTIA.	QUALITAS.	QVANTITAS.	CIRCVLARIS.
PVNCTVM.	LINEA.	PLANITIES.	MOTVS.
VIRTVS Seminati.	NATV: PVLLO.	ADOLENS foram.	PROFVNITAS.
ESSE.	ESSENTIA.	VIRTUTE.	COMPOSITVM.
PRVDENTIA.	IVSTITIA.	TEMPERATIA.	ACTIONE.
MENEALOP.	AMADICH.	EMACHIEL.	FORTITVDO.
וְ. זָה. זָה.	וְ. זָה. זָה.	וְ. זָה. זָה.	DAMALECH.
וְ. זָה. זָה.	וְ. זָה. זָה.	וְ. זָה. זָה.	וְ. זָה. זָה.
וְ. זָה. זָה.	וְ. זָה. זָה.	וְ. זָה. זָה.	וְ. זָה. זָה.

The Quaternary, the root and foundation of the numbers, the fount of Nature, containing the perfect number.

Four Elements ³	Fire	Air	Water	Earth
Four Governors of the Elements	Seraph	Cherub	Tharsis	Ariel
Four Angels ⁴	Raphael	Michael	Gabriel	Uriel
Hebrew and Greek Letters ⁵	בָּנָה Z כָּבֵד K	בָּנָה Z כָּבֵד K	בָּנָה Z כָּבֵד K	בָּנָה Z כָּבֵד K fixed stars
Four Winds	Eurus	Zephyrus	Aquilo	Auster
Four Points of the Compass	East	West	North	South
Four Zodiacal Triplicities	火 H	水 W	木 M	土 T
Four Elemental Qualities	Luminosity	Transparency	Mobility	Solidity [Soliditas]
Four Elements of Man	Mind	Spirit	Soul	Body
Four Powers of the Soul	Intellect	Reason	Imagination	Perception
Four Stages in the Ladder of Existence	to be	to live	to know	to understand
Four Points of Heaven	Rising point Ascendant	Setting point Descendant	Mid Heaven Zenith	Lowest point Nadir
Four Movements in Nature	Ascending	Descending	Proceeding	Revolving
Four Fundamentals of Nature	Substance	Quality	Quantity	Motion
Four Fundamentals of Mathematics	Point	Line	Plane	Volume
Four Fundamentals of the Physical	Life force of seed	Germination of Nature	Growth maturity	Completion and fruiting
Four Fundamentals of the Metaphysical	Being	Essence	Virtue	Action
Four Moral Virtues	Wisdom	Justice	Temperance	Courage
Four Spirits of Theophrastus (with Characters)	Menealop מְנַעַּלָּוֹפּ	Amadich אַמָּדִיךְ	Emachiel עַמְּחַיְּאֵל	Damaelech דָּמָאֵלְךְ

J	O	V	A
COLERA Δ IMPETVS. ÆSTAS. CASMARAN. GARGATEL. TARIEL. TUBIEL. 2 GAVIEL. 3 FESTATVI. MARCVS. LEO. ANIMALIA. PROGRESSIVA. SEMINA. GALIDVM. O AVRVM O LVCENTES. THAAR. T CORONA S HERMON X BAEL. SILPHANI.	SANGVIS # ALACRITAS. VER. TALVI. CARACASA. AMATIEL. COMISOROS. SPVGLIGVEL. AMADAI. IOANNES. AQVILA. PLANTÆ. VOLATILIA. FLORES. HVMIDVM. ♀ X CUPRVMSTAN. LEVE Transparant. CONFOR. II ERROR. ≈ SAFFOR. ≡ ELISAN X MOYMON. AEREI.	PITVITA ▽ INERTIA. HIEMS. FARLAS. AMABAEL. CTARARI. ALTARIB. GERENIA. MATTHÆVS. HOMO. METALLA. NATANTIA. FOLIA. FRIGIDVM. ♀ X ARGENT: VIVV: CLAR: CONG: BASAN. ♂ ZARNECH M ELISAN X POYMON. NIMPHÆ.	MELANCHO: TARDITAS. AVTVMNVS. ARDARAEI. TARQVAM. GVALBAREL. TORQVARET. RABIANIRA. LVCAS. VITVLVS. LAPIDES. REPTILIA. RADICES. SICCVM. ♂ X PLVMB: ARGEN: GRAVES Opaci. PANTHEON. 8 ERIM. M NAIM. ♂ EGIN. PIGMEI.

J	O	V	A				
Four Humors ⁵	Choleric Δ Yellow Bile	Sanguine # Blood	Phlegmatic ▽ Phlegm				
Four Habits	Passionate	Lively	Inactive				
Four Seasons	Summer	Spring	Winter				
Names of the Four Seasons ⁶	Casmaran	Talvi	Farlas				
Angels of the Four Seasons ⁶	Gargatel Tariel Gaviel	Caracasa Amatiel Comisoros	Amabael Ctarari				
Rulers of the Signs of the Four Seasons ⁶	Tubiel	Spugliquel	Altarib				
Four Names of the Earth ⁶	Festatui	Amadaï	Gerenia				
Four Evangelists	Mark	John	Matthew				
Four Sacred Animals	Lion	Eagle	Man				
Four Species	Animals	Plants	Metals				
Four Kinds of Animal	Crawling	Winged	Swimming				
Four Elementary Correspondences in Plants	Seeds	Flowers	Leaves				
Four Qualities	Hot	Wet	Cold				
Four Elementary Correspondences in Metals	○ Gold	σ Iron	♀ Copper	□ Tin	¤ Quicksilver	h Lead	♪ Silver
Four Elementary Correspondences in Stones	Shining	Polished	Clear				
Four Sublime Celestial Signs	Glittering	Transparent	Hard				
Principal Spirits in the Four Parts of the World ^{7, 31}	Thaar T Corona S Hermon X	Confor II Error ≈ Saffor ≡	Basan ♂ Zarnech M Elisan X	Pantheon ♂ Erim M Naim M			
Spirits of the Four Elements ⁸	Bael	Moymon	Poymon				
	Sylphs	Aerei	Nymphs				
			Pigmies				

Five lettered Name of God: Ihesuḥ

נ	ת	ו	ה	ש
VULNERA. A QVA. VEGETATIVA. VISVS. SATVRNVS. LAPIDES. HOMINES.	IHE SV. AER. SENSITIVA. AVDITVS. IVPITER. METALLA. QVATVPEDIA.	CHRISTI IGNIS CONCIVSIBILIS. OLFACITVS. MARS. PLANTE. REPTILIA.	SALVATORIS TERRA. IRASCIBILIS. GUSTVS. VENVS. ZOOPHYTA. NATANTIA.	NOSTRI. MIXTVM. RATIONALIS. TACTVS. MERCVRIVS. ANIMALIA. VOLATILIA.

ה	ו	ש	ת	ת
Five	wounds	of Jesus	Christ	the Savior
Five Corrupt Species	Water	Air	Fire	Earth
Five Vain Powers	Vigor	Sensation	Coveting	Anger
Five Senses	Sight	Hearing	Smell	Taste
Five Wandering Stars	Saturn	Jupiter	Mars	Venus
Five Mixed Species	Stones	Metals	Plants	Zoophytes
Five Animal Species	Man	Quadrupeds	Reptiles	Sea creatures
				Winged creatures

The Quinary, the half of the Denary, consisting of even and odd like male and female, sacred to Mercury.

The Chiromancy of the Left Hand



The Right Hand Containing the Twelve Signs



The Human Figure Containing the Planets



The Image of Man Comprising the Twelve Signs



7	7	3
SERAPHIM.	CHERUBIN.	THRONI.
SATVRNVS.	IVPITER.	MARS.
ARCTICVS.	ANTARCTICVS.	TROPICVS.
MAGNITVDO.	COLOR.	FIGVRA.
QVIES.	RARITAS.	ACVITAS.
INTELLECTVS.	MEMORIA.	SENSVS.
LVNA.	MARTIS.	MERCVRII.
ANTE.	RETRO.	SVRSVM.
SEXTO	DIE	CHRISTVS.
SEXTO	DIE	HOMO.
<i>SENARIVS PERFECTIONIS, REDEMPTIONIS ET</i>		

The six lettered Name of God: El Gibor

7	1	2
Six Orders of Angels	Seraphim	Cherubim
Six Planets	Saturn	Jupiter
Six Circles on the Globe	Arctic	Antarctic
Six Characteristics of a Lump of Matter	Size	Color
Six Qualities of Substance	Rest	Thinness
Six Grades in Man	Intellect	Memory
Six Wandering Planets	Moon	Mars
Six Different Positions	Before	Behind
	On the sixth	Day
	On the sixth	Day

The Senary is called the number of perfection, of the redemption, and of Man.

Δ	Σ	Ω
DOMINATIONES.	POTESTATES.	VIRTUTES.
VENVS.	MERCVRIVS.	LVNA.
TROPICVS.	ÆQVINOCTIALIS.	ECLYPTVS.
INTERVALLVM	STATVS.	MOTVS.
OBTVSITAS.	DENSITAS.	MOTVS.
MOTVS.	VITA.	ESSENTIA.
IOVIS.	VENERIS.	SATVRNI.
DEORVM.	DEXTRORVM	SINISTRORVM.
PRO REDEMTIONE	HVMANA.	PASVS EST.
A DEO.	CREATVS.	EST.
HOMINIS NVMERVS APPELLATVR.		

Δ	Λ	Η	Ω
Six Orders of Angels	Dominions	Powers	Virtues
Six Planets	Venus	Mercury	Moon
Six Circles on the Globe	Tropic	Equator	Ecliptic
Six Characteristics of a Lump of Matter	Distance	Position	Motion
Six Qualities of Substance	Bluntness	Density	Motion
Six Grades in Man	Will	Life	Essence
Six Wandering Planets	Jupiter	Venus	Saturn
Six Different Positions	Below	Right	Left
	... suffered	for the redemption of humanity	
	... was created	by God	

No.	JANVARI		FEBRUARI		MARTIVS		APRILIS		MAIUS		IUNIUS	
	Ortho.	Occas.	Ortho.	Occas.	Ortho.	Occas.	Ortho.	Occas.	Ortho.	Occas.	Ortho.	Occas.
1	722	421	723	422	618	523	521	620	411	522	719	621
2	721	423	722	424	619	524	522	621	412	523	720	622
3	720	425	721	426	620	525	523	622	413	524	721	623
4	719	427	720	428	621	526	524	623	414	525	722	624
5	718	429	719	430	622	527	525	624	415	526	723	625
6	717	431	718	432	623	528	526	625	416	527	724	626
7	716	433	717	434	624	529	527	626	417	528	725	627
8	715	435	716	436	625	530	528	627	418	529	726	628
9	714	437	715	438	626	531	529	628	419	530	727	629
10	713	439	714	440	627	532	530	629	420	531	728	630
11	712	441	713	442	628	533	531	630	421	532	729	631
12	710	443	711	444	629	534	532	631	422	533	730	632
13	709	445	710	446	630	535	533	632	423	534	731	633
14	708	447	709	448	631	536	534	633	424	535	732	634
15	707	449	708	450	632	537	535	634	425	536	733	635
16	706	451	707	452	633	538	536	635	426	537	734	636
17	705	453	706	454	634	539	537	636	427	538	735	637
18	704	455	705	456	635	540	538	637	428	539	736	638
19	703	457	704	458	636	541	539	638	429	540	737	639
20	702	459	703	460	637	542	540	639	430	541	738	640
21	701	461	702	462	638	543	541	640	431	542	739	641
22	700	463	701	464	639	544	542	641	432	543	740	642
23	699	465	700	466	640	545	543	642	433	544	741	643
24	698	467	699	468	641	546	544	643	434	545	742	644
25	697	469	698	470	642	547	545	644	435	546	743	645
26	696	471	697	472	643	548	546	645	436	547	744	646
27	695	473	696	474	644	549	547	646	437	548	745	647
28	694	475	695	476	645	550	548	647	438	549	746	648
29	693	477	694	478	646	551	549	648	439	550	747	649
30	692	479	693	480	647	552	550	649	440	551	748	650
31	691	481	692	482	648	553	551	650	441	552	749	651

IVLLIVS	AUGUSTVS		SEPTEM:		OCTOBER		NOVEMBER		DECEMB:	
	Ortho.	Occas.	Ortho.	Occas.	Ortho.	Occas.	Ortho.	Occas.	Ortho.	Occas.
49	722	523	716	623	622	524	723	423	722	623
50	723	524	717	624	623	525	724	424	723	624
51	724	525	718	625	624	526	725	425	724	625
52	725	526	719	626	625	527	726	426	725	626
53	726	527	720	627	626	528	727	427	726	627
54	727	528	721	628	627	529	728	428	727	628
55	728	529	722	629	628	530	729	429	728	629
56	729	530	723	630	629	531	730	430	729	630
57	730	531	724	631	630	532	731	431	730	631
58	731	532	725	632	631	533	732	432	731	632
59	732	533	726	633	632	534	733	433	732	633
60	733	534	727	634	633	535	734	434	733	634
61	734	535	728	635	634	536	735	435	734	635
62	735	536	729	636	635	537	736	436	735	636
63	736	537	730	637	636	538	737	437	736	637
64	737	538	731	638	637	539	738	438	737	638
65	738	539	732	639	638	540	739	439	738	639
66	739	540	733	640	639	541	740	440	739	640
67	740	541	734	641	640	542	741	441	740	641
68	741	542	735	642	641	543	742	442	741	642
69	742	543	736	643	642	544	743	443	742	643
70	743	544	737	644	643	545	744	444	743	644
71	744	545	738	645	644	546	745	445	744	645
72	745	546	739	646	645	547	746	446	745	646
73	746	547	740	647	646	548	747	447	746	647
74	747	548	741	648	647	549	748	448	747	648
75	748	549	742	649	648	550	749	449	748	649
76	749	550	743	650	649	551	750	450	749	650
77	750	551	744	651	650	552	751	451	750	651
78	751	552	745	652	651	553	752	452	751	652
79	752	553	746	653	652	554	753	453	752	653
80	753	554	747	654	653	555	754	454	753	654
81	754	555	748	655	654	556	755	455	754	655
82	755	556	749	656	655	557	756	456	755	656
83	756	557	750	657	656	558	757	457	756	657
84	757	558	751	658	657	559	758	458	757	658
85	758	559	752	659	658	560	759	459	758	659
86	759	560	753	660	659	561	760	460	759	660
87	760	561	754	661	660	562	761	461	760	661
88	761	562	755	662	661	563	762	462	761	662
89	762	563	756	663	662	564	763	463	762	663
90	763	564	757	664	663	565	764	464	763	664
91	764	565	758	665	664	566	765	465	764	665
92	765	566	759	666	665	567	766	466	765	666
93	766	567	760	667	666	568	767	467	766	667
94	767	568	761	668	667	569	768	468	767	668
95	768	569	762	669	668	570	769	469	768	669
96	769	570	763	670	669	571	770	470	769	670
97	770	571	764	671	670	572	771	471	770	671
98	771	572	765	672	671	573	772	472	771	672
99	772	573	766	673	672	574	773	473	772	673
100	773	574	767	674	673	575	774	474	773	674
101	774	575	768	675	674	576	775	475	774	675
102	775	576	769	676	675	577	776	476	775	676
103	776	577	770	677	676	578	777	477	776	677
104	777	578	771	678	677	579	778	478	777	678
105	778	579	772	679	678	580	779	479	778	679
106	779	580	773	680	679	581	780	480	779	680
107	780	581	774	681	680	582	781	481	780	681
108	781	582	775	682	681	583	782	482	781	682
109	782	583	776	683	682	584	783	483	782	683
110	783	584	777	684	683	585	784	484	783	684
111	784	585	778	685	684	586	785	485	784	685
112	785	586	779	686	685	587	786	486	785	686
113	786	587	780	687	686	588	787	487	786	687
114	787	588	781	688	687	589	788	488	787	688
115	788	589	782	689	688	590	789	489	788	689
116	789	590	783	690	689	591	790	490	789	690
117	790	591	784	691	690	592	791	491	790	691
118	791	592	785	692	691	593	792	492	791	692
119	792	593	786	693	692	594	793	493	792	693
120</td										



The seven lettered Name of God: Ararita

24

Spirit of Wisdom

צָפְקִיאֵל Zaphkiel

Aratron

Saturn h vs

Cassiel

Saturn's House is: of night ♀, of day ☽
In ♀ there is trouble, in ☽ glory.

Seven Gifts of the Holy Spirit⁹

Seven Angels Standing Near God

Seven Spirits of the Planets¹⁰

Seven Planets

Seven Angels of the Planets¹¹

Houses of Exaltation and Decline of the Seven Planets

Sigils of the Seven Planets¹²

Characters of the Seven Planets¹³

Divine Letters of the Seven Planets

Seven Onomantic Tables¹⁴

ଶାସନକାନ୍ତିକ ପାଠ୍ୟବିଜ୍ଞାନ

中華書局影印

ΙΦΛΙΩΣ ΕΩΣ

Albumasar

The Septenary, the vehicle of human life, the most complete number full of every power, sacred to the Holy Spirit.



Seven Gifts of the
Holy Spirit⁹

Seven Angels
Standing Near God

Seven Spirits
of the Planets¹⁰

Seven Planets

Seven Angels
of the Planets¹¹

Houses of Exaltation
and Decline of the
Seven Planets

Sigils of the
Seven Planets¹²

Characters of the
Seven Planets¹³

Divine Letters of
the Seven Planets

Seven Onomantic
Tables¹⁴

ת
Spirit of Intelligence

צַדְקִיאָל

בֵּטֹר

יְהֹוָה

סָכְיָאָל

Jupiter holds the archer, ♋, with ♋
when in ♋, fortune,
ill luck in ♋

תְּמִתְּבָּרְגִּיד

תְּמִתְּבָּרְגִּיד

מְתַלְיָנִתְוָה

Pythagoras



Seven Gifts of the
Holy Spirit⁹

Seven Angels
Standing Near God

Seven Spirits
of the Planets¹⁰

Seven Planets

Seven Angels
of the Planets¹¹

Houses of Exaltation
and Decline of the
Seven Planets

Sigils of the
Seven Planets¹²

Characters of the
Seven Planets¹³

Divine Letters of
the Seven Planets

Seven Onomantic
Tables¹⁴

N

Spirit of Science

Hanael הַנְּאֵל

Hagit הַגִּיט

Venus ♀ ♈ ☽

Raphael הַרְפָּאֵל

Venus dwells in the houses of ♈ and ☽
In ☽ it is exalted
in ☽ it lies subdued

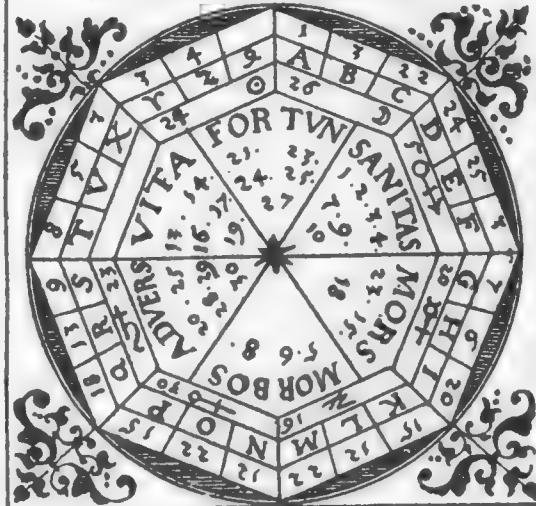
לְפָנָיְנָא בְּנָא +. ☽

סְבָבָא בְּנָא בְּנָא ☽

SVT 88

Plato

SPIRITVS PIETATIS.
MICHAEL. מִיכָּאֵל
OPHIEL 
MERCVRIVS. II 
MICHAEL. 
MERCVRIGHabitans II in sede triu-
mphat.  est moest  ad eute cap-
                                   ARISTOTELIS.



Seven Gifts of the Holy Spirit⁹

Seven Angels Standing Near God

Seven Spirits of the Planets¹⁰

Seven Planets

Seven Angels of the Planets¹¹

Houses of Exaltation and Decline of the Seven Planets

Sigils of the Seven Planets¹²

Characters of the Seven Planets¹³

Divine Letters of the Seven Planets

Seven Onomantic Tables¹⁴

7
Spirit of Affection

Spirit of Affection

מichael

Ophiel

Mercury ♀ ♊ ♋

Michael 

Mercury dwelling in II triumphs on his throne. It is afflicted in IV and comes to its head in X

四庫全書

ΕΘΝΟΣ ΕΛΛΑΣ

ବିଜ୍ଞାନାତ୍ମକ ରୂପ

Aristotle



Seven Gifts of the
Holy Spirit⁹

Seven Angels
Standing Near God

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Houses of Exaltation
and Decline of the
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Sigils of the
Seven Planets¹²

Characters of the
Seven Planets¹³

Divine Letters of
the Seven Planets

Seven Onomantic
Tables¹⁴



Spirit of Fear

Gabriel

Phul

Moon

Gabriel

The Moon possesses ☽
It honors ☽, and moreover its
fortune is subdued in ☽

◎ ☽ ☽ ☽ ☽ ☽ ☽ ☽

◎ ☽ ☽ ☽ ☽ ☽ ☽ ☽

◎ ☽ ☽ ☽ ☽ ☽ ☽ ☽

◎ ☽ ☽ ☽ ☽ ☽ ☽ ☽

Hales

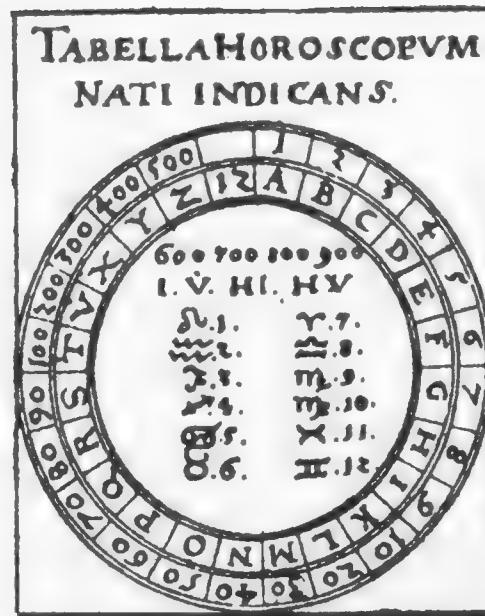
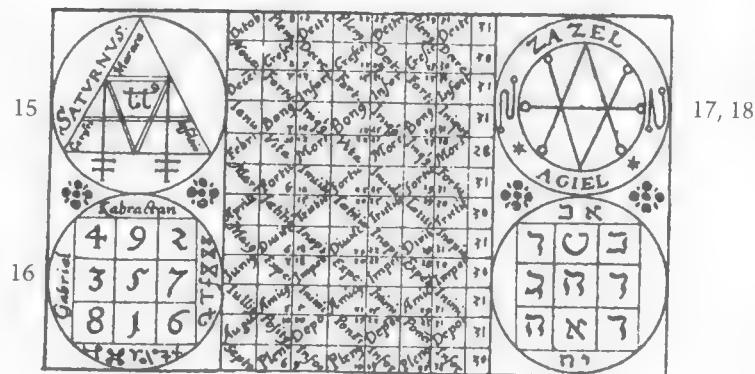


Table Indicating the Horoscope of Birth¹⁹



Table for Finding Out from One's Birthday
the Ruling Stars of the House¹⁹



Saturn, the master of the highest heaven, the governor of the seventh sphere, travels through his circuit in 30 years, 5 days, 6 hours.

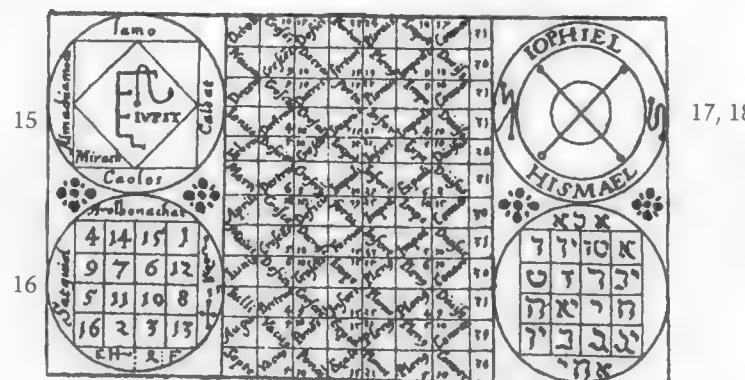
He is master of:

Saturday	Acid
Ophiel	Roots
Astronomy	Black
Faith	Right Foot
Granite	Right Ear
Lead	
Moles	
Lapwing	
Cuttlefish	
Sempervivum	
Earth	
Black Bile	

Saturn, crowned and complete with sickle, rides a fearsome crowned winged dragon. Below a landowner sits in a tent, while his workers plough and sow the land. In the background a figure standing within a circle seems to be menaced by a demonic being.

Table of fortunate and unfortunate days for Saturn

Plenus	- full, complete	Laetitia	- joy, exuberance
Destr	- destruction	Tristit	- sorrow
Cresce	- growing	Diviti	- wealth
Decre	- diminishing	Inopia	- poverty
Bonus	- good	Exped	- expedient
Iniquo	- unfavourable	Imped	- impediment, hindrance
Vita	- life	Amicus	- friendship
Mors	- death	Inimi	- enmity
Fortu	- fortunate	Positus	- establish
Infot	- unfortunate	Pones	- set up
Invidi	- hostility, envy	Depones	- give up



Jupiter, reigning in the second heaven, inhabits the sixth sphere, which he travels through in 12 years.

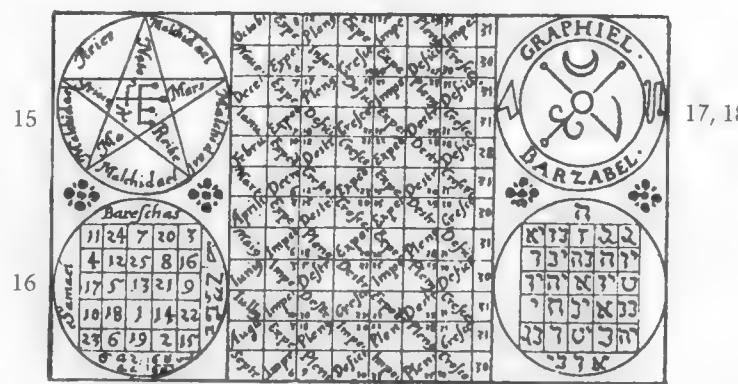
He loves:

Thursday	Sweet
Zachani	Fruits
Rhetic	Blue
Hope	Head
Topaz	Left Ear
Tin	
Deer	
Eagle	
Dolphin	
Jove's Beard (Silver-leaved Woodblade plant)	
Air	
Blood	

Jupiter, crowned and brandishing his bundle of thunderbolts, flies above on a magnificent winged stag. Below in the forest around an impressive town, a hunt is taking place.

Table of fortunate and unfortunate days for Jupiter

Cresce	- growth	Decres	- diminishing
Defici	- decline	Destruo	- destruction
Fortum	- fortunate	Infor	- unfortunate
Plenus	- full, complete	Expedi	- expedient
Impedi	- hindrance	Vacuo	- empty
Conver	- reverse	Pones	- establish
Divisus	- separated, divided	Exalto	- raised



Mars, ruler of the third heaven, completes his course through the fifth sphere in 2 years.

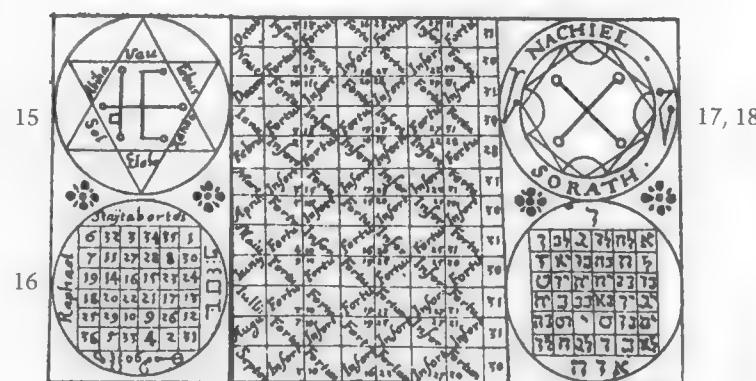
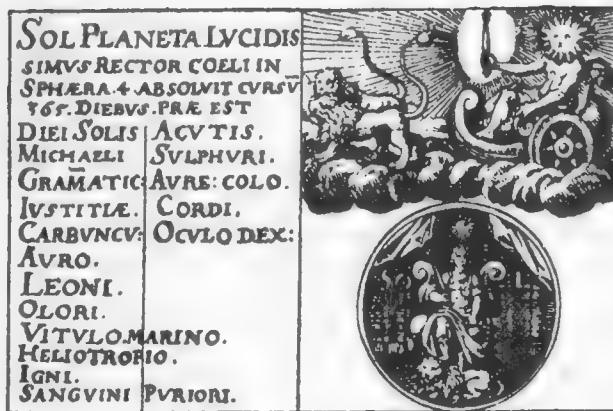
He rules:

Tuesday	Bitter
Samael	Sandalwood
Geometry	Red
Strength	Right hand
Ruby	Right nostril
Iron	
Wolf	
Vulture	
Pike	
Monkshood	
Choler, Yellow Bile	
Fire	

Mars, brandishing sword and shield, stands beside a fierce lion rampant. In the background a battle is taking place with soldiers lined up and laying siege to a castle which is in flames.

Table of fortunate and unfortunate days for Mars

Plenus	- full, complete	Cresce	- growing
Impe	- hindrance	Defici	- decline
Exped	- expedient	Destr	- destruction
Infor	- unfortunate	Decre	- diminishing



The Sun, the brightest planet, rules the fourth heaven. He completes his course in the fourth sphere in 365 days.

He commands:

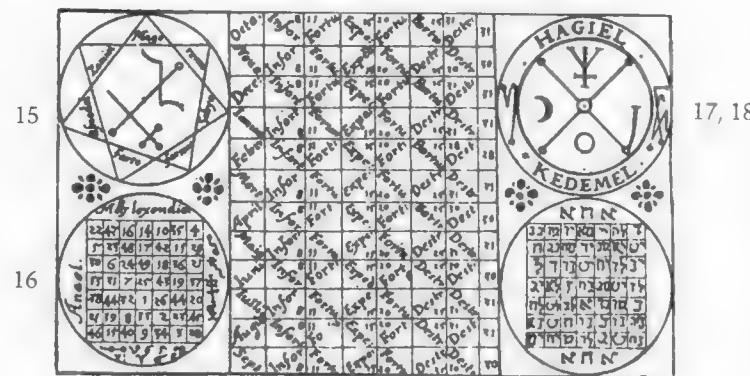
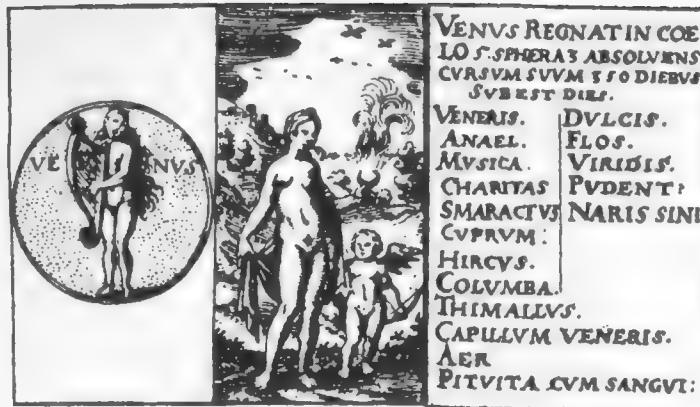
Sunday	Sharp
Michael	Sulphur
Grammar	Golden color
Justice	Heart
Carbuncle	Right eye
Gold	
Lion	
Swan	
The sea cow	
Heliotrope	
Fire	
Pure blood	

Sol, holding in his right hand a sceptre of power, is drawn in his chariot by two lions.

Table of fortunate and unfortunate days for the Sun

Fortu - Fortunate

Infortu - unfortunate



Venus rules in the fifth heaven, completing her course through the third sphere in 350 days.

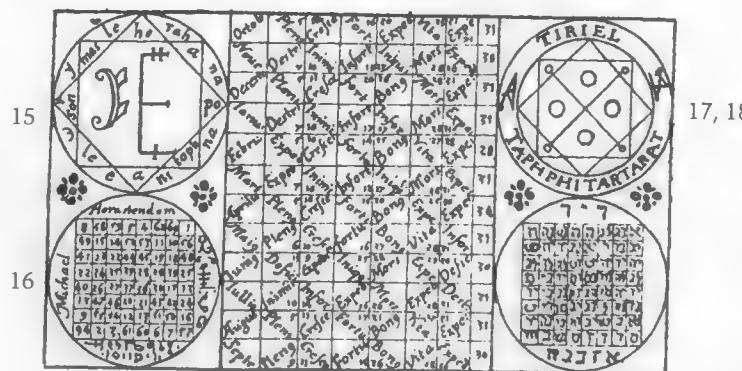
Beneath her is the day:

Friday	Sweet
Anael	Flowers
Music	Green
Love	Sex organs
Emerald	Left nostril
Copper	
Billy goat	
Dove	
Thimallus	
Maidenhair	
Air	
Phlegm with blood	

Venus is shown here together with a winged cherub or Eros holding a bow. She holds a flaming heart in her left hand. Above a group of birds are flying.

Table of fortunate and unfortunate days for Venus

Fortu	- fortunate	Exped	- expedient
Infor	- unfortunate	Destr	- destruction



Mercury inhabits the sixth heaven, passing through his course in the second sphere in 358 days.

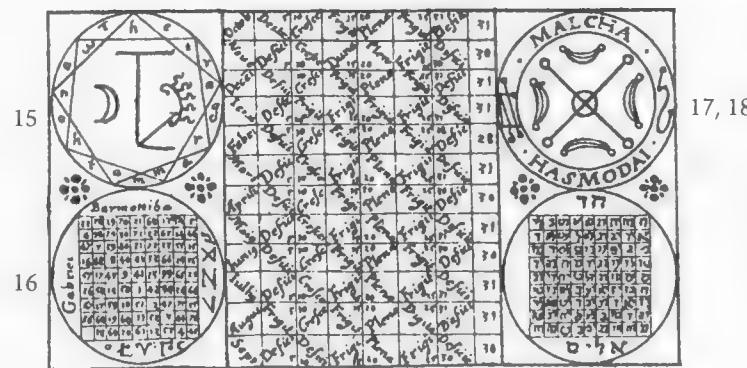
The Mercurial things are:

Wednesday	Various mixtures
Raphael	Bark
Arithmetic	All colors
Temperance	Left hand
Crystal	Mouth
Quicksilver	
Apes	
Stork	
Trout	
Herbs of Mercury	
Water	
Spirit, Soul	

Mercury in his winged sandals and helmet, holding the caduceus and an open book, flies above the figure of a man taking measurements of the angle to the top of a church spire. Nearby this figure are the tools of various crafts—saws, shovels, an alchemical still and crucibles, a palette and artist's brushes. In the background two men are leading a giraffe-like creature.

Table of fortunate and unfortunate days for Mercury

Plenus	- full, complete	Infort	- unfortunate
Cresce	- growing, increasing	Iniqui	- unfavourable
Fortu	- fortunate	Mors	- death
Exped	- expedient	Bonus	- good
Vita	- life	Defici	- failure, lack
Destr	- destruction	Inimi	- hostility



The Moon reigns in the seventh heaven, and completes her cycle of the first sphere in 27 days, 7 hours and 23 minutes.

These are of the Moon:

Monday	Salt
Gabriel	Leaves
Dialectic	White
Prudence	Left foot
Sapphire	Left eye
Silver	
Cat	
Owl	
Seal	
Selenotrope	
Earth and Water	
Phlegm	

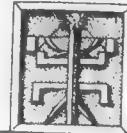


The figure shows Luna as a goddess holding a torch and sitting upon a bull, prancing through the waves. Various sea creatures surround the figures and ships are seen in the background, where also a volcano erupts and a shooting star streaks earthwards past the Moon.

Table of fortunate and unfortunate days for the Moon

Destr	- destruction	Plena	- full, complete
Cresce	- growing, increasing	Defici	- failure, lack
Frigit	- cold, chilling		

The eight lettered Name of God: Tetragrammaton Vedaath

ח HÆREDITAS. PACIFI. COELVM STELLA: FOEMORALIA. SICCITAS TERRE: ADÆ.	ו INCORRUPTIO. ESVRIENTES. SATVRNI. TVNICA. FRIGIDITAS AQU: MOYSIS.	ט POTESTAS. MITES. IOVIS. CINGULVS. HVMIDI: AERIS. HELIÆ.	נ VICTORIA. PERSECVTI. MERCVRII. TYARA. CALIDIT: IGNIS. IOSVÆ.
			

Eight Gifts of the Beatitudes²⁰

ח	Inheritance	ו	Wholeness	ט	Power	נ	Victory
---	-------------	---	-----------	---	-------	---	---------

Eight Types of the Beatitudes²⁰

ח	Peacemakers	ו	Hungry	ט	Meek	נ	Persecuted
---	-------------	---	--------	---	------	---	------------

Eight Visible Heavens

ח	Fixed Stars	ו	Saturn	ט	Jupiter	נ	Mercury
---	-------------	---	--------	---	---------	---	---------

Eight Ornaments of the Priests²³

ח	Foemoralia	ו	Tunic	ט	Girdle	נ	Crown
---	------------	---	-------	---	--------	---	-------

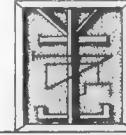
Eight Divisions of the Qualities

ח	Dryness of Earth	ו	Coldness of Water	ט	Wetness of Air	נ	Warmth of Fire
---	------------------	---	-------------------	---	----------------	---	----------------

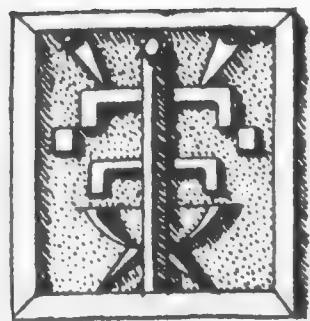
Eight Most Sacred Tablets of the Fathers

ח	Adam	ו	Moses	ט	Elias	נ	Joshua
---	------	---	-------	---	-------	---	--------

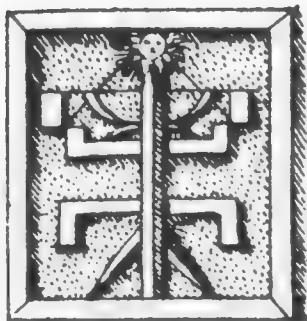
The Octonary denotes the number of Eternity, of the preservation of health.

VISIODEI MVNDICORD ^e SOLIS. STOLATALAR. CALIDIT AERIS. EZECHIELIS.	GRATIA MISERICORDES VENERIS. SUPERHUMER. HUMIDIT AQUE DANIELS.	REGNUM. PAUPERES SPIRI MARTIS. RATIONALE. SICCITAS IGNIS SALOMON.	GAVDIVM. LVGENTES. LVNÆ. LAMINA AVR. FRIGIDIT TERR. IEREMIAE.
			

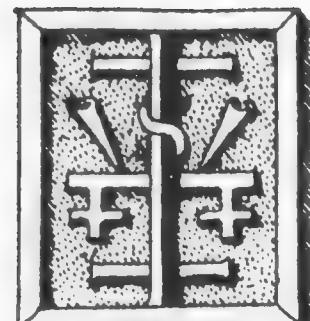
Eight Gifts of the Beatitudes²⁰	Vision of God	Grace	Kingdom	Joy
Eight Types of the Beatitudes²⁰	Pure in heart	Merciful	Poor in spirit	Mourners
Eight Visible Heavens	Sun	Venus	Mars	Moon
Eight Ornaments of the Priests³³	Robe	Ephod	Rationale	Gold plate
Eight Divisions of the Qualities	Warmth of Air	Wetness of Water	Dryness of Fire	Coldness of Earth
Eight Most Sacred Tablets of the Fathers	Ezechiel	Daniel	Solomon	Jeremiah



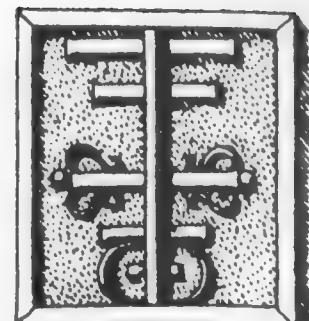
Adam



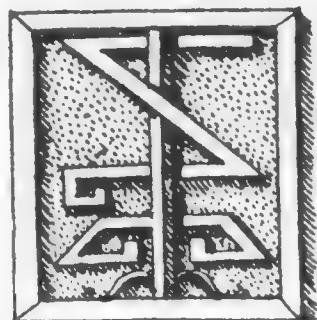
Moses



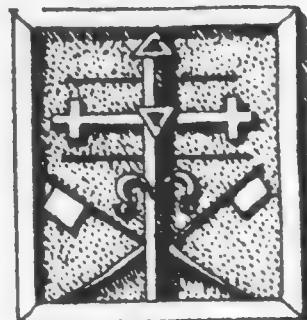
Ezekiel



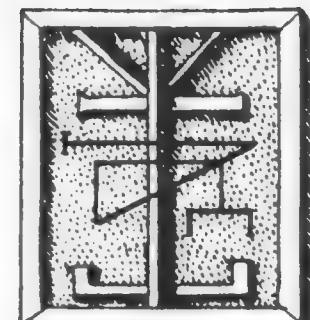
Daniel



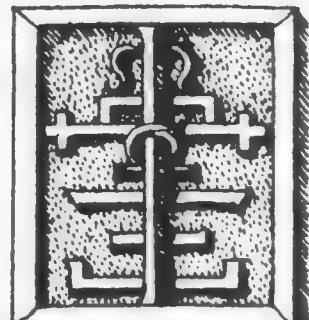
Elias



Joshua



Solomon



Jeremiah

The Most Sacred Tablets of the Fathers²¹

MENSA CONIVNCTIONIS ET TRANSMUTATIONIS METALLORVM.					
Transmutatur et in gradus	Transmutatur et in gradus	Transmutatur et in gradus	Transmutatur et in gradus	Transmutatur et in gradus	Transmutatur et in gradus
○	⊕	⊖	⊕	⊖	⊕
20	18	16	14	12	10
Horas	Horas	Horas	Horas	Horas	Horas
6 D	8 D	10 D	12 D	14 D	16 D
In hora Planete	In hora Planete	In hora Planete	In hora Planete	In hora Planete	In hora Planete

Table of the Conjunction and Transmutation of the Metals²²

DVO SACRO SAN
LA NOVEM ANGE
SVBLIMIS



CTA PENTACV:
LORVM CHORVM
VIRTVTIS.



Two Sacrosanct Pentacles of the Nine Angelic Choirs
of Sublime Virtue²³

The nine lettered Name of God: Tetragrammaton Sabaoth

נ SERAPHIM.	נ CHERVBIM.	נ THRONI
METATRON.	OPHANIEL.	ZAPHKIEL.
SAPHIRVS.	SMARAGDV.	CARBVCVLVS.
PRIMV MOBILE.	COEL: STELLAT.	SPHÆRA
CALLIOPE.	VRANIA.	POLYMNIA.
MEMORIA.	COGITATIVA	IMAGINATIO.
CRIBRONIVS.	PICIONIVS.	AMPHIETVS.

נ	נ	נ	נ
Nine Angelic Choirs	Seraphim	Cherubim	Thrones
Nine Angels Ruling Heaven	Metatron	Ophaniel	Zaphkiel
Nine Stones Representing the Angelic Choirs	Sapphire	Emerald	Ruby
Nine Moving Spheres	Primum Mobile	Heaven of the Fixed Stars	Sphere of Saturn
Nine Muses ²⁴	Calliope	Urania	Polyhymnia
Nine Interior and Exterior Senses	Memory	Thought	Imagination
Nine Bacchic Muses ²⁵	Cibronius	Picionius	Amphietus

The Nonary of the celestial spheres and of the divine spirits,
assisting in order, sacred to the Muses.

DOMINATIO ⁿ : ZADKIEL. BERILVS. SPHÆRA. TERPSICHO. SENSVS CON: SABASIVS.	POTESTATES. CAMUEL. ONIX. SPHÆRA. CLIO. AVDITVS. BASSARIVS.	VIRTVTES. RAPHAEL. CRY SOLITVS. SPHÆRA. MELPOME. VISVS. TRIETENICVS.
---	---	--

Nine Angelic Choirs	Dominations	Powers	Virtues
Nine Angels Ruling Heaven	Zadkiel	Camael	Raphael
Nine Stones Representing the Angelic Choirs	Beryl	Onxy	Crystal
Nine Moving Spheres	Sphere of Jupiter	Sphere of Mars	Sphere of the Sun
Nine Muses ²⁴	Terpsichore	Clio	Melpomene
Nine Interior and Exterior Senses	Senses conjoined	Hearing	Vision
Nine Bacchic Muses ²⁵	Sabadius	Bassarius	Trietenicus

7	ג	נ
PRINCIPATVS. HANIEL.	ARCHANGELI. MICHAEL.	ANGELI. GABRIEL.
IASPI.	TOPASIVS.	SARDIVS.
SPHÆRA. ♀	SPHÆRA. ♀	SPHÆRA. ♂
ERATO.	EVTERPE.	THALIA.
ODORATVS.	GVSTVS.	TACTVS.
LYSIVS.	SILENVS.	LYÆVS.

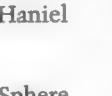
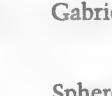
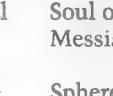
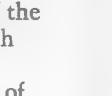
1	II	III
Nine Angelic Choirs	Principalities	Archangels
Nine Angels Ruling Heaven	Haniel	Michael
Nine Stones Representing the Angelic Choirs	Jasper	Topaz
Nine Moving Spheres	Sphere of Venus	Sphere of Mercury
Nine Muses ²⁴	Erato	Euterpe
Nine Interior and Exterior Senses	Smell	Taste
Nine Bacchic Muses ²⁵	Lysius	Silenus
		Lyaeus

The ten lettered Name of God: Elohim Sabaoth

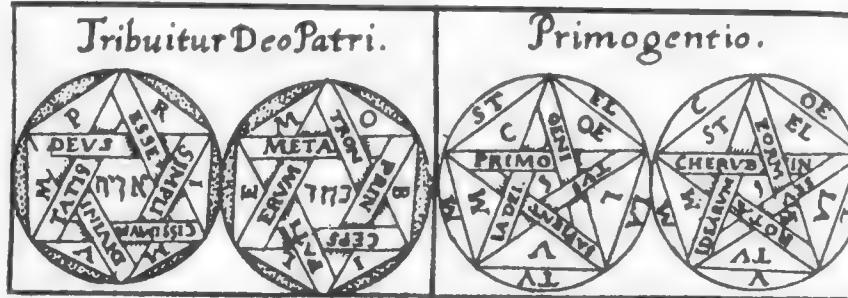
א	ב	ג	ד	ה
EHEIE.	IODTETRAGRA.	TETRAGLOHIM.	EL.	ELOHIM GIBOR.
KETHER.	HOCMA.	BINACH.	HESETH.	GBVRATH.
HAIOOTHACA.	OPHANIM.	ARALIM.	HASMALIM.	SERAPHIM.
METATRON.	IOPHIEL.	ZAPHKIEL.	ZADKIEL.	CAMAEL.
PRIMVM MOBILE.	SPHÆRA ZODIAC.	SPHÆRA.	SPHÆRA.	SPHÆRA.
COLVMBIA.	PARDVS.	DRACO.	AQVILA.	EQUVS.
SPIRITVS.	CEREBRVM.	SPLEN.	HEPAR.	FEL.
MENSTRUVM.	SPERMA.	PLASMAT. SPIR.	MASSA.	HVMORES.
O.S.	CARTILAGO.	NERUVS.	CHORDA.	LIGAMENTVM.
NEZA, in qua canebat Oda Tribuitur Deo Patri.	NABILVM. Organum. Primogenio.	MIZMOR. in quo Psal.	SIR. in quo Cantica.	TEPHILA. Orationes.

א	ב	ג	ד	ה	
Ten Names of God	Eheie	Iod Tetragrammaton	Tetragrammaton Elohim	El Heseth	Elohim Gibor
Ten Sephiroth	Kether	Chokmah	Binah	Chesed	Geburah
Ten Orders of the Blessed	Haiothaca	Ophanim	Aralim	Hasmalim	Seraphim
Ten Archangels	Metatron	Iophiel	Zaphkiel	Zadkiel	Camael
Ten Heavenly Spheres	Primum Mobile	Zodiacal Sphere	Sphere of Saturn	Sphere of Jupiter	Sphere of Mars
Ten Sacred Animals	Dove	Leopard	Dragon	Eagle	Horse
Ten Organs Inside Man	Spirit	Brain	Spleen	Liver	Gall
Ten Parts of the Blood of Man	Menstruum	Sperm	Plasma	Clot	Humors
Ten Tissues of Man	Bone	Cartilage	Nerves	Gut	Ligament
Ten Musical Instruments	Neza, to which were sung the Odes to God the Father	Nabilum, the organ of the first peoples	Mizmor, to which Psalms were sung	Sir Canticles	Tephila Orations
Spheres	[Primum Mobile]	[Heaven of the Stars]	h	u	o

The Denary—The end and fulfillment of the Numbers—of many powers, a perfect number.

ELOHA. TIPHERET. MALACHIM. RAPHAEL. SPHÆRA. ☽ LEO. COR. ORGANIC: CORP. ARTERIA. BERACHA: Benedict:	TETRAG. SABAOTH NEZAH. ELOHIM. HANIEL. SPHÆRA. ♀ HOMO. RENES. VEGETATIVA. VENA HADEL. Laudations.	ELOHIM SABAOTH HOD BNE ELOHIM. MICHAEL. SPHÆRA. ♀ SERPENS. PULMO. SENSITIVA. PANNICULVS. HODAIA: Gratia etatio	SADAI. IESOD. CHERUBIM. GABRIEL. SPHÆRA. ☽ BOS. GENITALIA. RATIO. CARO. ASER. Felicitates.	ADONAI MELECH MALCHUTH. ISSIM. ANIMA MESSIAE SPHÆRA ELEMEN AGNVS. MATRIX. MENS. CVTIS. HALLELVA Laude Dei Anima Mundi.
         	        	     	 	

Ten Names of God	Eloha	Tetragramm- Elohim aton Sabaoth Sabaoth	Sadai	Adonai Melech	
Ten Sephiroth	Tiphereth	Netzach	Hod	Yesod	Malkuth
Ten Orders of the Blessed	Malachim	Elohim	Bene Elohim	Cherubim	Issim
Ten Archangels	Raphael	Haniel	Michael	Gabriel	Soul of the Messiah
Ten Heavenly Spheres	Sphere of the Sun	Sphere of Venus	Sphere of Mercury	Sphere of Moon	Sphere of Elements
Ten Sacred Animals	Lion	Man	Snake	Cow	Lamb
Ten Organs Inside Man	Heart	Kidneys	Lungs	Genitals	Womb
Ten Parts of the Blood of Man	Organic body	Life force	Sensation	Reason	Mind
Ten Tissues of Man	Arteries	Veins	Membrane	Flesh	Skin
Ten Musical Instruments	Beracha Benedictions	Hadel Praises	Hodaia Thanks-givings	Aser Felicities	Hallelujah Praising God
Spheres	◎	♀	♂	▷	Soul of the World



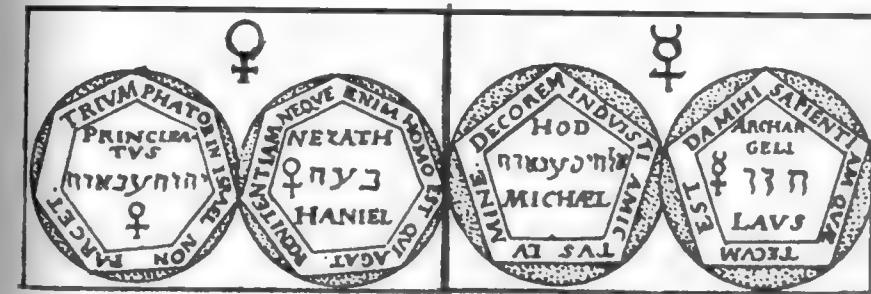
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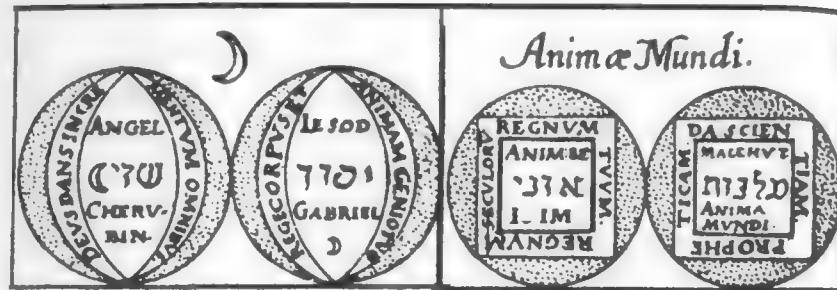
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94



95



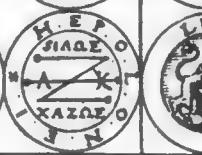
The Undenary has not any merit, just as it exceeds the Denary, which is of law and order, so it falls short of the Duodenary, which is grace and perfection: therefore this number is said to be that of sinners and penances.

The twelve lettered Name of God: Father, Son and Holy Spirit²⁷

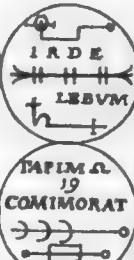
Malchidiel	Asmodel	Ambriel
MARTIVS.	APRILIS.	MAIVS
PALLAS.	SARDIVS	PHOEBVS
SARDONIVS	HIRCVS	TOPAZIVS
CAPRA.	COLVMBA	TAVRVS
NOCTVA	MYRTVS	GALLVS
OLEA.	PERISTERION	LAVRVS
ELELISPATOS		PERIST:HYPT:ic:

Twelve Angels of the Signs with Characters ²⁸	Malchidiel	Asmodel	Ambriel
Twelve Months	March	April	May
Twelve Divinities	Pallas	Venus of Sardis	Phoebus
Twelve Stones	Sardonyx	Sard	Topaz
Twelve Animals	She goat	Billy goat	Bull
Twelve Sacred Birds	Owl	Dove	Cock
Twelve Sacred Trees	Olive	Myrtle	Laurel
Twelve Sacred Plants	Sage	Upright Vervain	Bending Vervain

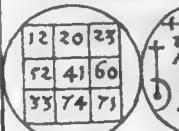
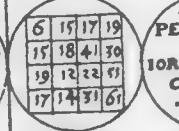
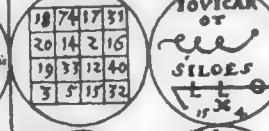
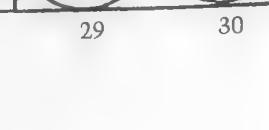
The Duodenary, the number of the Celestial Signs, is the pre-eminent means for the support of spirits

¶ MVRIEL	¶ VERCHIEL	¶ HAMALIEL.
IVNIVS	IVLIVS	AVGVSTVS
MERCVRIVS	IVPITER.	CERES
CALCEDONIVS	I ASPIS.	SCHMARAGDV.
CANIS.	CERVUS.	PORCA.
IBIS	AQVILA.	PASSER.
CORILVS.	ÆSCVLVS	POMVVS.
SIMPHITVS.	CYCLAMINA.	CALAMINTVS.
		
		

¶	¶	¶
Twelve Angels of the Signs with Characters ²⁸	Muriel	Verchiel
Twelve Months	June	July
Twelve Divinities	Mercury	Jupiter
Twelve Stones	Chalcedony	Jasper
Twelve Animals	Dog	Stag
Twelve Sacred Birds	Ibis	Eagle
Twelve Sacred Trees	Hazel	Chestnut
Twelve Sacred Plants	Comfrey	Cyclamen

7	7	7
ZURIEL.	BARBIEL.	ADNACHIEL.
SEPTEMBER.	OCTOBER.	NOVEMBER.
VULCANVS.	MARS.	DIANA.
BERILLVS.	AMETHISTVS.	HYACINTHVS.
ASINVS.	LVPVS.	CERVA.
ANSER.	PICVS.	CORNIX.
BVXVVS.	CORNVS.	PALMA.
SCORIVROS.	ARTEMISIA.	ANAGALLIS.
		
		
		
		

7	7	7
Twelve Angels of the Signs with Characters ²⁸	Zuriel	Barbiel
Twelve Months	September	October
Twelve Divinities	Vulcan	Mars
Twelve Stones	Beryl	Amethyst
Twelve Animals	Ass	Wolf
Twelve Sacred Birds	Goose	Woodpecker
Twelve Sacred Trees	Box	Dogwood
Twelve Sacred Plants	Garlic	Wormwood

HANAELE.	GABRIEL.	BARCHIEL.
DECEMBER.	IANVARIVS.	FEBRVARIVS.
VESTA.	IVNO.	NEPTVNVS.
CRISOPASSVS.	CRISTALLVS.	SAPHIRVS.
LEO.	OVIS.	EQUVS.
ARDEA.	PAVO.	CYGNVS.
PINVS	RHAMINVS.	VLMVS.
LEHATHVS.	DRACONTEA	ARISTOLOGIA
		
CAPRICORNVS.	AQUARIUS.	PISCES.
		
VIRTUS SVE	ETATES	CALEX EBRI
		

Twelve Angels of the Signs with Characters²⁸	Hanael	Gabriel	Barchiel
Twelve Months	December	January	February
Twelve Divinities	Vesta	Juno	Neptune
Twelve Stones	Chrisophrase	Crystal	Sapphire
Twelve Animals	Lion	Sheep	Horse
Twelve Sacred Birds	Heron	Peacock	Swan
Twelve Sacred Trees	Pine	Buckthorn	Elm
Twelve Sacred Plants	Dock	Dragonwort	Birthwort

Notes and Commentary

1. These symbols are derived from the geomantic figures for the Dragon's Head ☱ and the Dragon's Tail ☱, the ascending and descending nodes of the Moon.



Dragon's
Head



Dragon's
Tail

2. In this group of twelve symbols, God the Father, Adonai, is associated with the hexagram ☲, the interlaced triangles, and is shown as an old crowned king. The Resurrected Christ is shown against a five pointed star, and we see the Holy Spirit as a dove in a nimbus of light. On the top fourth symbol it is indicated that Christ is supported by Jehovah and does not move from his right hand.

The Christ is associated with the pentagram ★, and in particular with the transformation of the Tetragammadon into the five lettered name, Jesus. We also have a reference to "the lion of the tribe of Judea conquers," and the famous "paternoster" acrostic:

S	A	T	O	R
A	R	E	P	O
T	E	N	E	T
O	P	E	R	A
R	O	T	A	S

The Holy Spirit is indicated as proceeding from the Father and the Son, and is associated with the fourfold and the threefold.

3. We have here the names of the four Elements in Hebrew:

Fire	שָׁאֵן	Water	מִים
Air	רוּחַ	Earth	עָפָר

4. The four Archangels are mentioned in *1 Enoch* chapter 20.

Raphael	- "the healing of God"	- set over the diseases and wounds of Man
Michael	- "like unto God"	- set over the bodies of Man
Gabriel	- "mighty one of God"	- set over Paradise
Uriel	- "the light of God"	- set over the world and Tartarus.

5. We have here an unusual set of symbols for the elements, the more familiar ones being shown in the second column below. In the third column are a related set of symbols from the *Sworn Book of Honorius*.

Fire	△	△	△
Air	#	▲	○
Water	▽	▽	▽
Earth	⊖	▽	□

The familiar symbols are rather abstract in form and are derived from the two interlaced triangles \bowtie . The other group are perhaps more suited to giving an imaginative picture of the elements. \triangle Fire and ∇ Water are opposites; Fire always rises upwards, Water always seeks the lowest point. Air in its circulatory nature is well pictured by \circ , and the stable solidity of Earth by \square . The opposite natures of

the Earth and Air elements are well pictured by the opposing qualities of the circle and the square.

6. These names of the four Seasons, the Angels of the four Seasons, their Rulers, and the four names of the Earth, are found in both the *Heptameron* of Peter of Abano (1250–1317), and the *Sworn Book of Honorius* (possibly thirteenth century, but more likely dating to the fifteenth century).

The engraver of the *Magical Calendar* made an error in attributing these names, muddling Gaviel and Tubiel, which he had corrected on the plate using the superscripts ¹ and ² to indicate the correct order.

	Spring	Summer	Autumn	Winter
Four Rulers of the Sun	Abraym	Athemay	Abragini	Commutaf
Four Rulers of the Moon	Agusta	Armatas	Matasignais	Affaterim

7. From the *Goetia* or *Lesser Key of Solomon*:

Baell - "The first principal spirit is a King ruling in the East. He makes men invisible and rules over 66 legions of inferior spirits. He appears in diverse forms and sometimes in various forms at once."

Paimon - "A great King, very obedient to Lucifer, teaches all arts and sciences. He is observed towards the North-West, and is of the Order of Dominions."

8. Although these names for the elementary spirits are found in the writings of Paracelsus, the more usual names are:

Fire	Salamanders
Air	Sylphs
Water	Nymphs or Undines
Earth	Gnomes

9. The "Seven Gifts" seem to have been rather garbled by the compiler or misplaced by the engraver. Perhaps the true arrangement, taking note of the traditional qualities of the planets, should be as follows:

h	Spirit of Wisdom
☿	Spirit of Judgement
♂	Spirit of Courage
○	Spirit of Intelligence
♀	Spirit of Affection
♀	Spirit of Science
☽	Spirit of Fear

10. The source of these characters of the seven Olympian Spirits is the *Arbatel of Magick*, first published in Latin in 1575, and later (1655) included in Robert Turner's translation of the *Fourth Book of Occult Philosophy* (which is erroneously ascribed to Agrippa). The *Arbatel* indicates that the Olympian Spirits inhabit the firmament, are of an elevated spiritual nature, and cannot be invoked but for divine purposes. They rule through lower provinces of subordinate spirits, and this reveals a further seven-fold structure:

Aratron rules	49 provinces
Bethor	42
Phaleg	35
Och	28
Hagith	21
Ophiel	14
Phul	7

The *Arbatel* goes on to describe in some detail the realms of activity of these spirits and gives some indications upon the use of the characters.

11. The Archangels and their sigils associated with the planets have here been rather muddled. In particular, Raphael, Michael and Anael are confused. The proper arrangement is:

h	Casiel	
☿	Sachiel	
♂	Samael	
○	Michael	
♀	Anael	
♀	Raphael	
☽	Gabriel	

Though we can put this down to an engraver's mistake, perhaps even an intentional confusion, there is an occult reality behind the interchange of Michael and Raphael as Archangels of the Sun and Mercury. Many sources from the 16th and 17th centuries assign these two Archangelic planetary guardians differently. Trithemius associated these seven Archangels with a seven-fold historical cycle, which can be approximately correlated with the Platonic Age of 2,160 years, the time taken for the Sun to precess through one sign of the Zodiac. Each Archangel acted in turn as a Spirit of the Epoch for a part of this Platonic cycle of 2,160 years, lasting approximately 350 years, and it is possible that, from this tradition, that the confusion arose. Thus, according to one method of computation, the age of Michael began in 1879, and the previous age of Gabriel began in the mid-sixteenth century. It may be that during this transition age of the mid-sixteenth century, two distinct

traditions arose about the Archangelic rulership of the epochs.

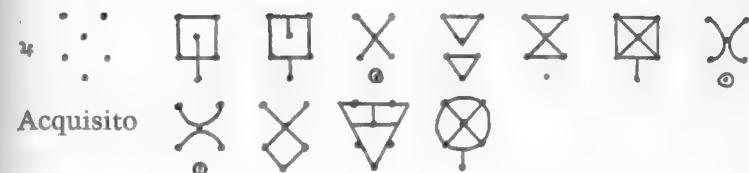
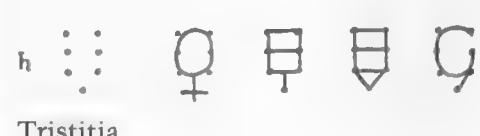
12. The fact that we have here four sets of sigils associated with the seven planets might lead us to inquire as to their esoteric significance. These can be correlated with the four Worlds of the Kabbalah:

Atziluth	World of Emanation	Seven Angels of the Presence
Briah	World of Creation	Olympian Spirits
Yetzirah	World of Formation	Planetary Angels
Assiah	World of Matter	Planets

Thus the sigils are symbol-keys that open us to awareness on that particular plane or realm of being. They should be used in ritual or meditative work, together with other symbols and structures relating to these levels. Therefore, awareness of the plane to which a sigil relates, is essential to understanding its function and its use as a symbol-key.

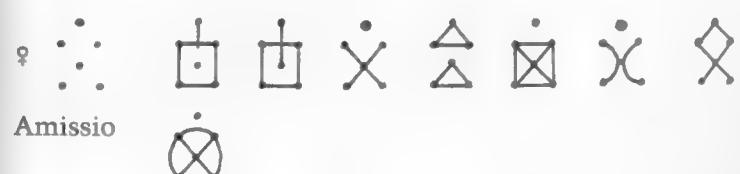
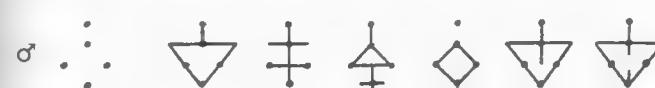
From another perspective, it is interesting to note that if we also include the Sigils of the Planets, the Characters of the Planets, and the Divine Letters, then for the seven-fold we have a total of seven sets of sigils.

13. These symbols are derived from the Geomantic figure associated with the planets, as found in Agrippa.



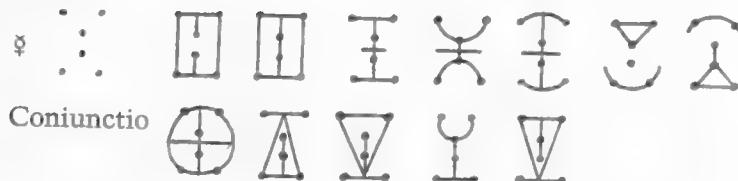
Laetitia

[This figure does not seem to be represented in this series]





Puella



Coniunctio



Albus

[This figure does not seem to be represented in this series]



Via



Populus

14. Onomancy is the method of divination from the letters of a name. These seven Onomantic Tables of the Planets predict in the world of the elements, health, fortune, life and death. Although these Onomantic tables will be of little use to the serious occultist seeking the spirit behind esoteric facts, I include for the sake of completeness a description of the use of this system of fortune telling found in the *Magical Calendar* manuscript probably made by Sigismund Bacstrom (MS. Ferguson 2). This section is approximately 15 pages of Latin text.

Table of Albumasar for Saturn

As each letter of the alphabet appears in this table of Albumasar, it has a number, as also does each day of the week. Therefore, if Antonio wishes to know if perhaps the day of Mars was lucky or unlucky, assuming his baptismal name is Antonius, and writing it in the nominative case in Latin, then the particular numbers of the individual letters, and also the number of the day of Mars, and that of the age of the Moon, is computed, then the total is divided by 30, and the remainder by division will give the reply to the question asked, as is seen in the following example:

A	N	T	O	N	I	U	S	
3	22	18	11	22	15	4	20	The sum total of Antonius 98
								The day of Mars 12
								The age of the Moon 23
								133

130 divided by 30, leaves a remainder of 13, which is found in the column of Life (Vita) of the above table, and it is signified that the day of Mars was lucky and auspicious for Antonius, and whenever the number is found in a different column, other things are signified.

Table of Pythagoras for Jupiter

The pattern of this table, is to take the name of the person, just as in the above described table of Albumasar, and to compute its numbers with that of the age of the Moon, and divide by the number 29. When the number remaining is found in the column of life, it is good and happens easily; if the number is in the column of medium, the things happen with difficulties; in the column of hope, it is good but endures too little, and so for the rest. Peter is to know whether it will be fortunate or unfortunate, if he departs from Paris for a second time to the war against the Germans, on the day of the Moon in the month of March, in the year 1734.

P	E	T	R	U	S	
4	15	18	13	6	20	The sum total of Petrus 76
						The age of the Moon 25
						101

101 divided by 29, the remainder is 14, which is found in the column of life, and this signifies this departure of Peter is fortunate, and he will not die in the war; but if the number remaining is 4, 5, 8 or 9, which are found in the column of Death, then the departure is unfortunate and death is signified in the war.

Table of Ptolemy for Mars

The pattern of this table is the same as that of Pythagoras, with it however different in that the number of the name of the person and days, is divided by 30. Consequently, if they wish to know whether the day of Mars is fortunate or unfortunate for Peter, it is seen in the example following.

P E T R U S

The sum total of Petrus	83
Day of Mars	<u>70</u>
	153

The number 153 divided by 30 remains, which is found in the table of Ptolemy beneath the column of middle life, which signifies to be resolved with difficulty. When it is done concerning some illness, the number of his age, and of his name, and also the number of the day on which the illness, are taken up.

Petrus, 49 years of age, began to be ill on the day of Mars. It is to be known, whether he will live or die.

P E T R U S

The sum total of Petrus	83
Age	49
Day of Mars	<u>70</u>
	202

This number 202 divided by 30 the remaining number is 22, which in the Ptolemaic table is denoted a favourable outcome.

Table of Anthidonis for the Sun

The pattern of this table is the same as that of Albumasar, with the difference that the number of the total is divided by 30 in that table, while in this table it is divided by 29. It is shown in the following example which was to find whether the day of Mars was lucky or unlucky for Antonio.

A N T O N I U S

The sum total of Antonius	113
Day of Mars	2
The age of the Moon	<u>23</u>
	138

Which number being divided by 29 as has already been described, the remaining number is 22, which is found in the column of Life, which indicates that the day of Mars may be fortunate for Antonio. When the remaining number is found in the middle life, it foretells indifferent fortune, and when in the column Dubium, short lived fortune is promised. When the same remaining number is in the column of Death, great ill fortune or death, and when the number is found in the column of ill fortune of this table, illness, loss, and bad luck is denoted, and all evil is foretold.

Table of Plato for Venus

"The pattern of this table is the same for that of Pythagoras, and the number of the person's name, of the day which it was questioned about, and the age of the Moon, and the sum is divided by 30, of which division is devoted to the knowing of the good or evil fortune which the man is having in regard to business, in journeys, in combat, in law suits, in love-making, or in anything different. When the question is concerning some illness, take the number of the person's name, and the day on which the illness seized hold. When they wish to know who will die first, whether the husband or the wife, divide both names by 7. If it will be done concerning two simultaneous certainties, divide both name separately by 9. For knowing which of two horses will be faster in running a race, the number of the day on which they should race is taken, and the numbers of the letters in the names of the colours of both horses, and divide them separately by 30. If the number remaining, made by division, is found in the column of life in this table, life, profit, joy and good is promised anyhow,

and the opposite in the column of death; and thus concerning the others.

Table of Aristotle for Mercury

When you wish to know which will be the first to die, whether the husband or the wife, or which of two possibilities will prevail, and in another way of which method to use, take the numbers of the names of the persons, and the day on which it was questioned, and divide these separately by 7. If you are to know whether he will die of an illness or not, divide the number of the name of the person, and the number of the day on which the illness began, separately by 9.

Antonius is ill on the Lord's day: it is to be known whether he shall die or not.

Antonius 83, which number divided by 9, the remainder is 2.

The Lord's Day, which number divided by 9, the remainder is 6.

Therefore, there is of the remaining numbers 2 against 6, and indeed it appears in the following table, for 2 against 6, 2 overcomes, which suggests that Antonio will not die.

If you wish to know good or bad fortune on a journey, or for trade, divide the numbers of the person and day separately by 9. If you are to know which of two overcomes when they play together any kind of game, take the number of the first person and the number of the day on which they sport, and these two numbers divide by 9 separately, then take the number of the second person and the day, and equally they are divided separately by 9, and from the numbers which remain from both divisions, the answer is had, as appears in the following example.

Antonius and Petrus play together on the Lord's day. It is to be known which of these will win.

A N T O N I U S	83
The Lord's Day	<u>24</u>
	107

Which number divided by 9, the remainder is 8.

P E T R U S	73
The Lord's Day	<u>24</u>
	97

Which number divided by 9, the remainder is 7.

So "7 against 8," and according to the following table "8" overcomes, therefore Antonius having in his division "8," he wins.

In this table of the talented Aristotle, the answers are discovered to whatever questions and whatever uncertain requests.

•TABULA RESPONSIONUM•

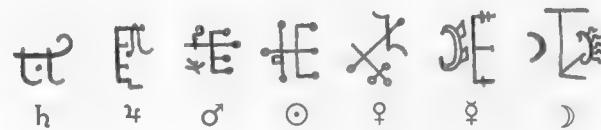
1. Contra 1. Minor Vincet.	2. Contre 3. 3. Vincet.
1. contra 2. 2.Vincet	2. contre 4. 2. Vincet.
1. Contra 3. 1.Vincet	2. Contre 5. 5. Vincet.
1. contra 4. 4.Vincet	2. Contre 6. 2. Vincet
1. Contra 5. 1.Vincet	2. Contre 7. 7. Vincet
1. Contra 6. 6.Vincet	2. Contre 8. 2. Vincet
1. Contra 7. 1.Vincet	2. Contre 9. 9. Vincet
1. Contra 8. 8.Vincet	3. Contre 3. Minor Vincet.
1. Contra 9. 1.Vincet	3. Contre 4. 4.Vincet.
2. Contre 2. Major Vincet.	3. Contre 5. 3.Vincet.
3. Contra 6. 6.Vincet.	5. Contra 8. 8. Vincet.
3. Contra 7. 3.Vincet.	5. contra 9. 5.Vincet.
3. Contra 8. 8.Vincet.	6. contra 6. Major Vincet.
3. Contra 9. 3.Vincet.	6. contra 7. 7. Vincet
4. Contra 4. Major Vincet.	6. Contre 8. 6.Vincet.
4. Contra 5. 5.Vincet	6. Contre 9. 9. Vincet.
4. contra 6. 4.Vincet	7. Contre 7. Minor Vincet.
4. contra 7. 7.Vincet	7. contra 8. 8.Vincet.
4. Contra 8. 4.Vincet	7. contra 9. 7.Vincet.
4. Contra 9. 9.Vincet	8. contra 8. Major Vincet.
5. contra 5. Minor Vincet.	8. Contre 9. 9.Vincet.
5. contra 6. 6.Vincet.	9. Contre 9. Minor Vincet.
5. contra 7. 5.Vincet	XXIIC XCIIIC

Table of Hali for the Moon

The pattern of this seventh and last table for the Moon and the philosopher Hali, is the same as the former of Aristotle which precedes. Therefore, according as you will know which of two rivals overcome between themselves, take the number of the name of one person and the number of the day on which they compete, and this same number should be divided by 9, then take the number of the name of the other person and the day, and divide similarly and separately these numbers by 9, and from the numbers produced by both divisions, you will have the answers from the table of Aristotle, in which you will see a similar example, and the pattern is as the other questions of whatever kind, between two persons or two animals.

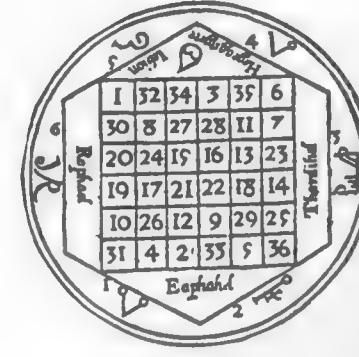
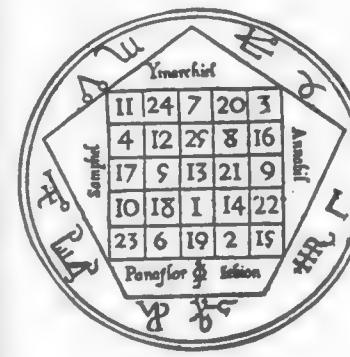
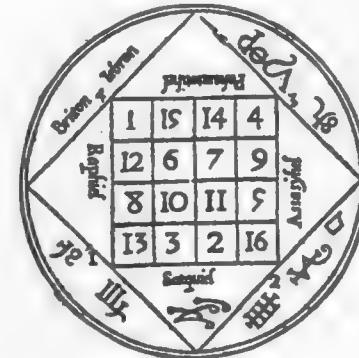
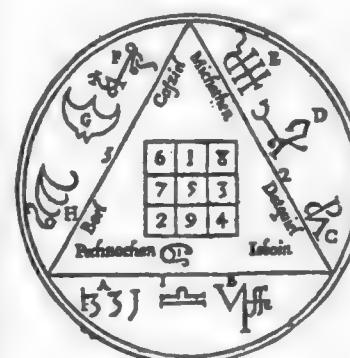
Although it is easy to dismiss these Onomantic Tables as naive fortune telling devices, perhaps they serve to point us to the basic spiritual reality of the rhythmic patterns underlying human life. These have been recognized in recent years as "biorhythms," the regular cycles of energy in the human etheric body. The method of these tables presupposes repeating patterns of 29 and 30 days, which are in turn broken down into smaller units, to which the prognostications "lucky," "unlucky," etc., are applied.

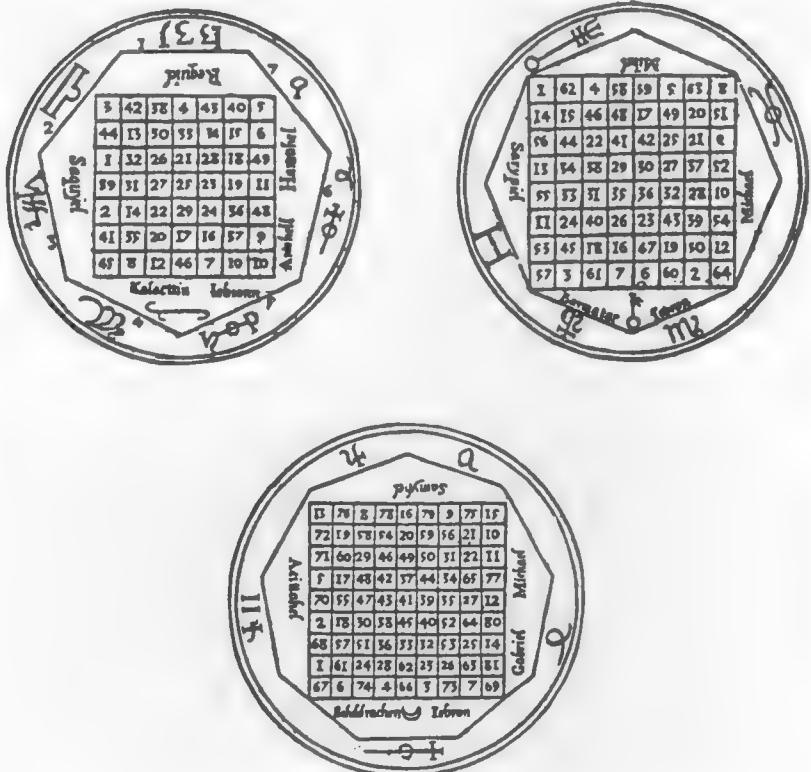
15. When seen as a whole, the series of seven sigils within the polygons associated with the planets seem to be a metamorphosis of a basic form, which moves from an initial unity and connectedness, through gradually unfolding stages, to be ultimately resolved into two disconnected figures.



16. Athanasius Kircher includes in his *Oedipus Aegypticus* of 1652, some interesting illustrations which carry the magic square symbols further, enclosing each of the seven squares within a polygon with the appropriate number of sides. There are also some

interesting sigils which do not seem to be found elsewhere. Although this was published some thirty years after the *Magical Calendar*, it shows us a further development of these magical ideas. It is interesting that Kircher, a Jesuit, had the freedom within the Church establishment to pursue his philosophical and esoteric interests, and indeed to publish such material, which in an earlier age might have been thought heretical. We are reminded of the freedom which James Hepburn, the Keeper of the Oriental Books and Manuscripts at the Vatican at the beginning of the seventeenth century, seemed also to have to study and publish material on magical alphabets and the Kabbalah.





17. The Kamea or Magical Squares of the planets can be used for constructing the pairs of sigils (those of the Intelligences and those of the Spirits of the seven planets), which are found in the outer ring of the Seal of each planet. On the *Magical Calendar* engraving, the space provided for these is so cramped, that the forms of these sigils have been rather corrupted, but they are essentially the same as those found in the *Three Books of Occult Philosophy* of Henry Cornelius Agrippa. Each sigil, as is shown below, can be derived from the name of the Intelligence or Spirit of the planet, by breaking it down into a pattern of numbers through kabbalistic reduction, and establishing this pattern on the magic square. These names are connected with the magic squares, being either the sum of a line, or the total of the whole square (with, in the case of Venus, the number of letters in the square). In general, this arrangement does not distinguish between units, tens and hundreds; i.e., 3, 30 or 300 can be represented by the single digit 3. On the following pages, the Intelligences are shown on the left and the Spirits on the right.

4	9	2
3°	5	7
8	1	6

4	9	2
3°	5	7
8	1	6

h
Saturn

Saturn 3x3

Sum along line 15

Total 45

AGIEL
אֲגַיֵּל30
1
10
3
1
45ZAZEL
זָזֵל30
7
1
7
45

4	14	15	1
9	7	6	12
5	11	10	8
16	2	3°	13

4	14	15	1
9	7	6	12
5	11	10	8
16	2	3°	13

4

Jupiter

Jupiter 4x4

Sum along line 34

Total 136

IOPHIEL
וִיחְפִיאֵל30
1
10
80
5
10
136HISMAEL
הִסְמָאֵל30
1
40
60
5
136

11	24	7	20	13
4	12	25	8	16
17	5	13	21	9
10	18	1	14	22
23	6	19	2	15

11	24	7	20	3
4	12	25	8	16
17	5	13	21	9
10	18	1	14	22
23	6	19	2	15



Mars

Mars 5x5

Sum along line 65

Total 325

GRAPHIEL
גרפייאל

30
1
10
80
1
200
3
325

BARZABEL
ברצאבל

30
1
2
90
200
2
325

6	32	3	34	35	1
7	11	27	28	8	30
19	14	16	15	23	24
18	20	22	21	17	13
25	29	10	9	26	12
36	5	33	4	2	31

6	32	3	34	35	1
7	11	27	28	8	30
19	14	16	15	23	24
18	20	22	21	17	13
25	29	10	9	26	12
36	5	33	4	2	31



Sun

Sun 6x6

Sum along line 111

Total 666

NACHIEL
נכיאל

30
1
10
20
50
111

SORATH
סורת

400
200
6
60
666

22	47	16	41	10	35	4
5	23	48	17	42	11	29
30	6	24	49	18	36	12
13	31	7	25	43	19	37
38	14	32	1	26	44	20
21	39	8	33	2	27	45
46	15	40	9	34	3	28



Venus

Venus 7x7

Sum along line 175

Total 1225

HAGIEL
הַגִּיאֵל30
1
10
3
5
49KEDEMEL
קדמאל30
1
40
4
100
175

8	58	59	5	4	62	63	1
49	15	14	52	53	11	10	56
41	23	22	44	45	19	18	48
32	34	35	29	28	38	39	25
40	26	27	37	36	30	31	33
17	47	46	20	21	43	42	24
9	55	54	12	13	51	50	16
64	2	3	61	60	6	7	57

8	58	59	5	4	62	63	1
49	15	14	52	53	11	10	56
41	23	22	44	45	19	18	48
32	34	35	29	28	38	39	25
40	26	27	37	36	30	31	33
17	47	46	20	21	43	42	24
9	55	54	12	13	51	50	16
64	2	3	61	60	6	7	57



Mercury

Mercury 8x8

Sum along line 260

Total 2080

TIRIEL
שִׁירִיאֵל30
1
10
200
10
9
260TAPHTHARTHARATH
הַפְתְּרָתָה400
200
400
200
400
80
400
2080

37	78	29	70	21	62	13	54	5
6	38	79	30	71	22	63	14	46
47	7	39	80	31	72	23	55	15
16	48	8	40	81	32	64	24	56
57	17	49	9	41	73	33	65	25
26	58	18	50	1	42	74	34	66
67	27	59	10	51	2	43	75	35
36	68	19	60	20	52	3	44	76
77	28	69	20	61	21	53	4	45



Moon

Moon 9x9

HASMODAI
הַשְׁמוֹדָא

10
1
4
6
40
300
8
369

Sum along line 369

Total 3321

MALCHA
betharsitim
hed beruach
schehakim
שָׁחָקִים
עַד בְּרוֹחַ
בְּתְּרַשְׁׁיחִים
מֶלֶכָא

3321

37	78	29	70	21	62	13	54	5
6	38	79	30	71	22	63	14	46
47	7	39	80	31	72	23	55	15
16	48	8	40	81	32	64	24	56
57	17	49	9	41	73	33	65	25
26	58	18	50	1	42	74	34	66
67	27	59	10	51	2	43	75	35
36	68	19	60	20	52	3	44	76
77	28	69	20	61	21	53	4	45

18. The seals of the planets when imposed upon the magic squares, geometrically link the various numbers in the square into various groups. It has been shown that the magic square of n cells per side with its special arrangement of numbers, can be constructed from the regular array of numbers $1-n^2$ by a finite number of rotations and mirror reflections, and that these are recorded by the structure of the seal for that particular square. The interested reader is referred to an article by Karl Anton Nowotny, "The Construction of Certain Seals and Characters in the Work of Agrippa of Nettesheim," in the *Journal of the Warburg Institute*, vol. 12 (1949), pp. 46-57, in which a detailed analysis of this is given.

19. Although there is no text accompanying these two tables on the *Magical Calendar* plate, there is a description of the method of using these Horoscopic Tables in the *Magical Calendar* manuscript ascribed to Bacstrom in the Ferguson Collection:

There follows an exact and at the same time careful explanation of the two tables of the Planets and the Celestial Signs. Alcander the philosopher composed these two tables. The first informs of the method of finding the ruling star of someone's birth, and the other shows the horoscope of whatever birthdate one pleases, according as in the following explanation.

Explanation of the Alphabetic Tables of Alcander

Four letters are lacking in the Roman alphabet, which Alcander was able to make up from the alphabet itself, as evidently using the following "I," "V," "H" and "HV" as consonants. Therefore in order for you to find the horoscope of someone's birthdate, take the numbers of the person's proper name, written in the nominative case, also the numbers of the names of their Father and Mother, of course also written in the nominative case, and divide the total sum by 12. The number remaining after this division represents the sign ascending in the hour of birth. If 1 it was Aries; if 2 - Taurus; 3 - Gemini; 4 - Cancer; 5 - Leo; 6 - Virgo; 7 - Libra; 8 - Scorpio; 9 - Sagittarius; 10 - Capricorn; 11 - Aquarius; 12 - Pisces.

In order for you to discover the ruling planet of a person's birth,

proceed by the same method as above, with this difference—that the sum total of the person's name is divided by 9. And if the number remaining is 1 or 4, then it was the Sun; if 2 or 7, it was the Moon; 3 - Jupiter; 5 - Mercury; 6 - Venus; 8 - Saturn; 9 - Mars.

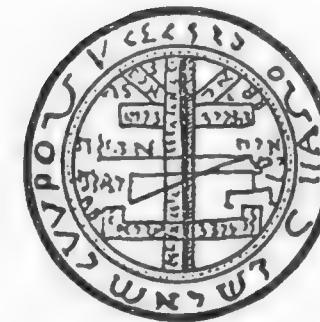
20. The Beatitudes are from the Sermon on the Mount; the most complete version appears in *Matthew 5:3-10*:

Blessed are the poor in spirit: for theirs is the kingdom of heaven.
 Blessed are they that mourn: for they shall be comforted.
 Blessed are the meek: for they shall inherit the earth.
 Blessed are they that hunger and thirst after righteousness: for they shall be filled.
 Blessed are the merciful: for they shall obtain mercy.
 Blessed are the pure in heart: for they shall see God.
 Blessed are the peacemakers: for they shall be called the children of God.
 Blessed are they which are persecuted for righteousness' sake: For theirs is the kingdom of heaven.

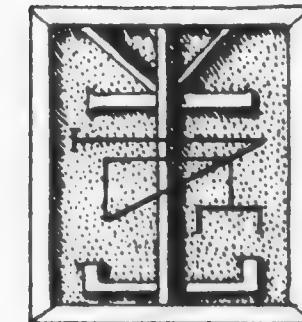
21. As far as I have been able to ascertain, these symbols are unique to the *Magical Calendar*. They are depicted as if they were seal-tablets, the engraved plates of metal which would be pressed into wax to form an image.

They seem to form an integrated whole, with many cross connections and common elements between the different designs. All are characterized by a broad column running vertically, and most are right/left symmetrical about this center line. They have an odd quality and strength of form, which gives them a powerful presence.

The Seal of Solomon from this series can be found (in line drawn form) in many examples of the *Key of Solomon* manuscripts (*Clavicula Salomonis*), of which the facing illustration is only one example (Bibliothèque l'Arsenal MS. 2790):



Seal of Solomon from the *Key of Solomon*



Seal of Solomon from the *Magical Calendar*

22. This table appears in the 1656 Robert Turner translation of Paracelsus *Of the Supreme Mysteries of Nature*, with the following text:

An Election of Time to be observed in the transmutation of Metals—if at any time you shall desire to Transmute and change any Metal into another kind, as Gold into Silver, or rather Silver into Gold, it is necessary that you learn to elect a fit time for that purpose out of the Table following, whereby you shall easier, sooner, and without danger bring your work to your desired end.

To change into ☽.	Always begin D	
	Begin when the Moon is in the Sixth Degree of	in the Hour of that Planet whereby Metal will bestow most change.
☽.	Twenty Degrees of	☽ ☽ ☽ ☽ ☽ ☽
☽.	Four Degrees of	☽ ☽ ☽ ☽ ☽ ☽
☽.	In twelve De- grees of	☽ ☽ ☽ ☽ ☽ ☽
☽.	Ninth Degree of	☽ ☽ ☽ ☽ ☽ ☽
☽.	Eighteenth De- gree of	☽ ☽ ☽ ☽ ☽ ☽
☽.	The third De- gree of	☽ ☽ ☽ ☽ ☽ ☽

Take this one example only, and so work by the rest; as, if you would change Luna into Sol, begin when the Moon is in Six Degrees of Cancer, in the hour of the Moon, and so observe the rest, according to this table. For the observation of time is not to be held of a vain account in the transmutation of the Metals, for all negotiations and actions in this world are most happily brought to perfection, which are begun with due respect to the course and influences of the Celestial Bodies; for our mortal bodies are ruled according to the operations of the Superior Bodies of the Firmament, and they are ordained for that purpose by Almighty God the Creator, and do bring unto us, both health, sickness, infirmities, and health again: and in like manner the times are to be noted, and duly observed in Medical Operations, that their virtues may work the more powerful effects.

23. The two Sacrosanct Pentacles of the Nine Angelic Choirs are both outwardly triangular in form, and have their three sides corresponding to the three Choirs of Angels that constitute the third or lowest hierarchy, the Principalities, Archangels and Angels. The first pentacle refers to the fact that the Angels are stationed in the little world, with responsibility for the evolution of individual human beings; the Principalities are in charge of the evolution of states, nations and races; while the Archangels mediate between these two diverse realms.

In the center of the first pentacle we find a hexagon and two of the first hierarchy, the Seraphim and Cherubim, inscribed together with a hexagram which has "ADONAI" within its vertices, and the Tetragrammaton lying at its centre. Mediating between the outer triangle and the central hexagon, are the Hebrew letters ydְ Shaddai, the Almighty.

The center of the second pentacle also has a hexagram, but within this is inscribed a triangle containing the Tetragrammaton acrostic:



This gives us the Ten, the true esoteric number of the hierarchies, i.e. the nine Choirs of Angels plus Man, the tenth hierarchy. Mediating between this inner symbol and the outer triangle are the Hebrew letters יְשֻׁעָה (Jesu).

24. In classical mythology the Muses were the nine daughters of Jupiter and Mnemosyne. They have the following associations:

	Usual Attributes	Depicted with	Esoteric
Calliope	Epic poetry	wax tablet and pencil	Science of Man
Euterpe	Lyric poetry	Double flute	Medicine, Magic
Erato	Erotic poetry and mime	Small lyre	Science of the Elements
Melpomene	Tragedy	Tragic mask and ivy leaf	Science of life and death, rebirth
Thalia	Comedy	Comic mask and ivy leaf	Science of stones, plants, and animals
Polyhymnia	Sacred Hymns	Veiled in an attitude of thought	Science of souls in the other life; Divination
Terpsichore	Choral song and dance	Lyre	Terrestrial physics
Clio	History	A scroll	Psychology
Urania	Astronomy	A celestial globe	Astrology

25. These Bacchic Muses are rather obscure and I have not been able to find further details of them all:

Bassarius	- a title of Bacchus, from the wolf skins worn by the devotees.
Lysius	- either from "lyssa" meaning madness or frenzy, or from "Lycaeum," a lofty mountain in Arcadia where Pan was worshipped.
Silenus	- a satyr who brought up and instructed Bacchus. He possessed prophetic powers, which he could be made to exercise by surrounding him with chains of flowers.
Lyaeus	- "the one who sets free," wine.

26. These ten pairs of seals give, in a pictorial form, a knowledge of the ten Sephiroth and their correspondences with the planets, the archangels, the names of God, the angelic hosts, and the hierarchies. I have included in brackets those correspondences that have been in one or two cases omitted.

Primum Mobile	Assigned to God the Father	Hexagram
God is the simplicity of divinity		
(Seraphim)	Eheieh אֲהֵה	(Chaioth ha Qadesh)
Metatron, the prince of the death-bringers		
Kether בְּהֵר	Metatron	

Heaven of the stars	First Cause	The Creator	Pentagram
Wisdom, the first-born of God			
Cherubim	Jah י	(Auphanim)	
The Cherubim, the form or wheel of archetypes			
(Chokmah חכֹמָה	Ratziel		

Saturn		Octagon
The Holy Spirit of the Divine Majesty		
Thrones	Jehovah Elohim יְהֹוָה אֱלֹהִים	Aralim
Kindle in me the fire of Love and Charity		
Binah בִּנָה	Zaphkiel	

Jupiter

The scepter in his right hand; in Heaven there is mercy
 Dominations El אֵל (Chasmalim)
 Whose mercy does not end; God is enduring and merciful
 Chesed צְדָקָה Zadkiel

Triangle

Mars

God our King; the king of glory before the ages
 Powers Elohim Gibor אלֹהִים גִּבּוֹר Seraphim
 The great King above all; the God of Glory
 Geburah גְּבוּרָה Camael

Octagon

Sun

Hod and beauty in his sight
 Virtues Eloah אֵלֹהָה Malachim
 Tiphereth and strength in his sight
 Tiphereth חִפְּרָתָה Raphael

Circle

Venus

The conqueror in Israel does not spare . . .
 Principalities Jehovah Sabaoth יְהֹוָה צֹבָאֹת (Elohim)
 . . . punishment, nor is it a man who acts
 Netzach נְצָחָה Haniel

Heptagon

Mercury

You have put on beauty, clad with light
 Archangels Elohim Sabaoth אלֹהִים צֹבָאֹת (Bene Elohim)
 Give me the wisdom which is yours
 Hod הֹד Michael

Pentagon

Moon

God giving increase to all
 Angels Shaddai שָׁדָּי Cherubim
 Rule your body and mind with your spirit
 Iesod יְסָד Gabriel

Vesica

Soul of the World

Your reign is an everlasting reign
 (Man) Adonai אֲדֹנָי Ishim
 Give prophetic wisdom
 Malkuth מֶלֶכְתָּה Sandalophon World-Soul

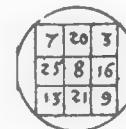
Square

27. The twelve lettered name of God has here been garbled, but it is not too difficult to see what was intended.

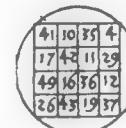
Father אֲבָב
 Son בָּן and בָּנָה
 Holy Spirit רוח קָדוֹשׁ

28. These Angels of the twelve Signs are also found in the *Sworn Book of Honourius*. I have not been able to locate a source for their sigils.

29. These magic squares associated with the twelve Signs are rather perplexing. Two are not squares at all but rather 4x3 rectangles; there are four 4x4 squares and six 3x3 squares in all. At first sight one would reckon they are fragments of some larger magic square, however, I have only been able to positively identify two of them as such:



ℳ is the top right hand corner of the Mars square.



ℱ is the top right hand corner of the Venus square.

30. The source for the pairs of seals connected with the twelve Signs is Paracelsus *Of the Supreme Mysteries of Nature*, also known as the *Archidoxes of Magic*, which was translated into English by Robert Turner in 1656.

31. In Robert Fludd's system of medicine outlined in his *Medica Catholica* (1629), we find the "fortress of health" of the individual under siege from the four quarters by spiritual beings and their hosts of lesser entities, bringing various diseases. The sound man is able to fight off these influences through the aid of the four Archangels.

Quarter	Spiritual being bringing illness	Lesser hosts mediating illness	Influence countered by
East	Oriens	Samael	Michael
South	Amayon	Azazel	Uriel
West	Paymon	Azael	Raphael
North	Egyn	Mahazel	Gabriel

Of these four archetypal beings bringing ill health, three would seem to be equivalent to the four Principal Spirits in the *Magical Calendar* list; however, the correspondences do not work out in detail.

32. This straightforward ephemeris of the Sun gives its sign and degree for each day of the year.

33. The ornaments or vestments of the Priesthood of the Jews, are described in *Exodus* chapters 28 and 29.

Ordinary priests wear four white linen vestments when ministering in the Temple.

Foemoralia	breeches
Tunica	tunic
Cingulus	girdle
Cap	instead of the Tiara of the High Priest

The High Priest wore four additional vestments:

Stolatalar	blue sleeveless robe with bells at the hem
Superhumer	the Ephod, worn over the robe and made of gold, blue, purple and scarlet fine linen
Rationale	breastplate containing the oracular Urim and Thummim and twelve precious stones set in four rows with the names of the tribes of Israel engraved thereon.
Gold Plate	engraved with the phrase 'Holy to the Lord' worn on the forehead with the mitre.

34. Universal dial, comprising the equal magical Bohemian and Italian hours.

The determination of the planetary rulership of the hours, essential to the Western magical tradition, was based on a division of the day and night into twelve equal "hours" each. Thus in summer, a daytime "hour" was much longer than a nighttime one, and in winter, the reverse. This is a design for a sundial which would indicate the daytime hours according to each month of the year (shown by the signs of the Zodiac).

35. The lowest compartment of the *Calendar* reads:

These are the things which we have gathered into this our calendar, in a varied compilation made with great labor and research, for an introduction to natural magic. If the viewers will scrutinize with great care the things that are written here, they will be able to follow a complete doctrine of the magical art, as well as infallible experiments. But as for you, malevolent slanderers of low and insipid ignorance, sons of iniquity, flee from these things of ours and leave them untouched. For to criticize is easy, but to emulate is hard; and in great matters it is difficult to please many, while to please everyone is nigh impossible.

VIRGA AVREA septuaginta duobus Encomijs B.V. MARIAE caelata.

מִתְהָה הַזָּהָב אֲשֶׁר תְּקֻנוּ עַלְיוֹן עַב תְּהִלּוֹת מְרִים הַעַלְמָה



BEATISSIMO PATRI, ET DOMINO NCSTRO PAPÆ PAVLO V. FEL. PERPET.

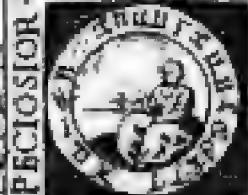
Brachyura Hesperius Stenus S. Ord. S. Francifra de Paula

פָּרוֹשׁ
מְלָה הַזָּהָב
כְּשִׂזְוָרָה
רְבִי מְאַשְׁרָן
לְפָנָי צִוְּתָךְ עַל כָּלָנוּ
בְּעִזּוֹתְךָ הַסְּמִינָה
וְעַמְּנָה יְמִינָךְ מִזְמִיקָה
פְּנִינִים לְאַשְׁתָּה וְלָלָה
וְשָׁמְרָה אַשְׁתָּה תְּלָה
וְעַזְתָּה נְלִיְתָה
אַמְּמָה כְּתָבָתָה חַדְרָה
מְרוֹן לְרִמְתָּה נְגַפְּתָה
דִּיאָתָה אַזְּרָעָה אַשְׁרִיחָה
רְגָבָם קְנָדָזָם אַזְּמָה
לְיָקָעָה כָּלָה אַזְּמָמָה
מְבָאָה כְּלָסָעָן אַזְּמָעָה
חַפְרָה צְוִינִיקָה קְרִיבָה
וְהַלְּגָעָרָה אַעֲזָזִיבָה
פְּתָאָם עַל מְשֻׁבָּעָה כָּה
בְּתָמָן גְּפָתָה חַסְרָה כָּה
רְגָזָעָה עַל מְלָבָן כָּה
לְתָתָמָה קְבִּיזָה וְלָמָּס כָּה

MAGNIPM. 47.



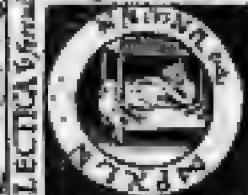
CIVITAS REGIS



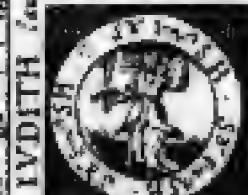
SOLE. 50. 7.



SCALA IACOB.



LECTICA Veneris.



IUDITH. 50.



VIRGO DE IPARIA.



CYPRES Ssye.

CVSSAEVM.

A. T. X. S. K. B. A.
T. R. V. S. L. O. 2. P.
G. S. d. J. X. Y. K. R.

VIRGILIANVM.

A. T. X. S. K. B. A.
T. R. V. S. L. O. 2. P.
G. S. d. J. X. Y. K. R.

HETRUSCVM.

A. T. X. S. K. B. A.
O. H. M. V. L. X. 8.
E. R. T. D. A. L. V.
Z. X. V. A. T. A. H.

SARACENVM.

A. T. X. S. K. B. A.
N. B. I. D. M. V. Z. 5.
N. L. X. P. D. N. K.
M. R. V. H. A. D. T. V.

ASSYRIVM.

A. T. X. S. K. B. A.
T. D. C. H. V. Z. 6.
S. o. 8. T. H. V. Z. 6.
S. R. Y. 3. 8. X. N.

ARMENIACVM.

A. T. X. S. K. B. A.
E. F. T. Q. B. C. S. b. L. b. 8. 4. 5. 3.
L. A. V. J. 3. U. 2. N. T. 4. 4. 3.
G. S. 4. 3. 2. 1. 0. 9. 8. 7. 6. 5. 4. 3.

SYRRMENIACVM.

A. T. X. S. K. B. A.
U. T. 4. 3. 2. 1. 0. 9. 8. 7. 6. 5. 4. 3.
L. A. V. J. 3. U. 2. N. T. 4. 4. 3.
G. S. 4. 3. 2. 1. 0. 9. 8. 7. 6. 5. 4. 3.

MERCVRIANVM. 57.



RACHEL.



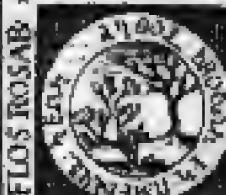
ISIACVM. egypt.



GRÆCVM.



IONICVM.



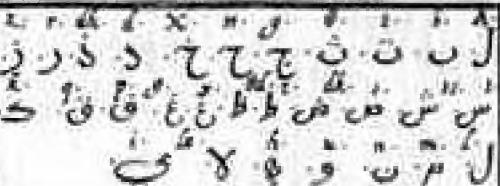
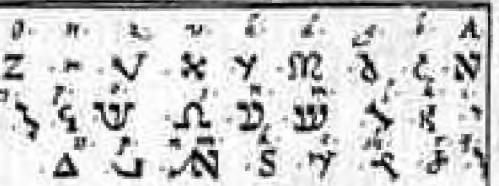
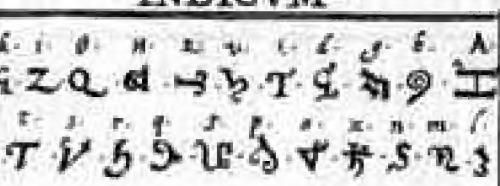
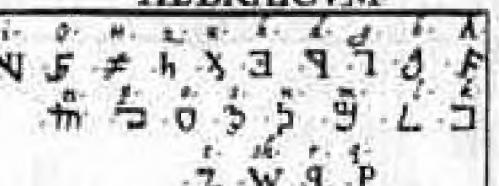
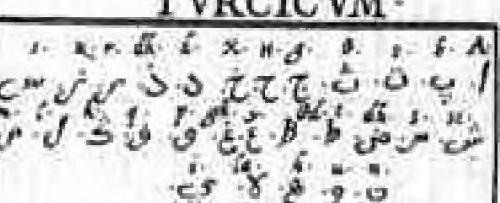
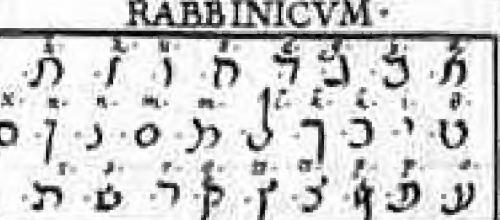
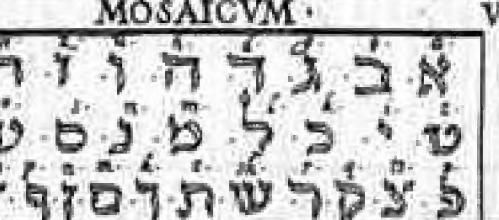
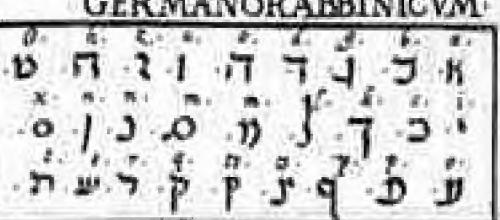
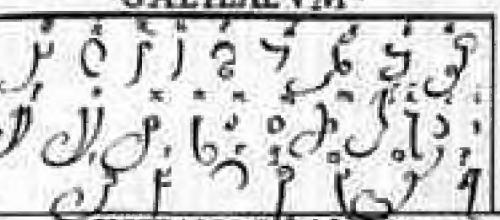
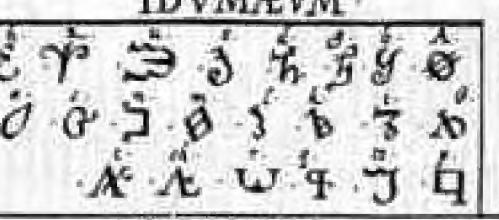
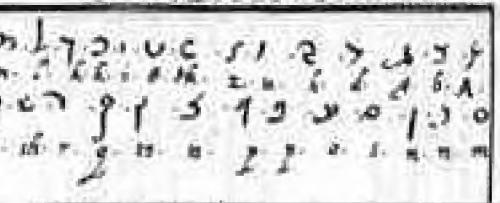
ÆOLICVM.



ATTICVM.



DORICVM.

ARABICVM	LIGNVM VITÆ	PVNICVM	PVTEVS AQUAR
			
INDICVM	FACIES TVA	HEBRAICVM	HORTVS
			
TVRCICVM	PORTA COELI	SAMARITANVM	FONS SIG
			
RABBINICVM	VRNA AVREA	MOSAICVM	VITIS ABUNDANS
			
GERMANORABBINICVM	VIRGA	IVDÆOSAMARITANVM	ARCA T
			
GALILAEVM	ORACVLVM IN	IDVMÆVM	THVRIBVLVM
			
HISPANORABBINICUM	LAMINA AVREA	ARCANVM	CIVITAS
			

APHRORABBINICVM

א ב כ ד ה ג ז י
ל מ נ ס ו כ ב
ר ק נ ת י ש כ
צ י נ ת י ש כ
ת י נ ת י ש כ
SIGNVM FEDERIS.

ARCVS DNI IN



ITALO-RABBINICVM

א ב כ ד ה ג ז י
ל מ נ ס ו כ ב
ר ק נ ת י ש כ
צ י נ ת י ש כ
ת י נ ת י ש כ

SYSSANNA DELICATA



HEBRAEO-ARABICVM

א ב כ ד ה ג ז ي
ل م ن س و ك ب
ر ك ن ت ي ش ك
ت ي ن ت ي ش ك
ك ي ن ت ي ش ك

MONS DOMVS



BRACHMANICVM

א ב כ ד ה ג ז ي
ل م ن س و ك ب
ر ك ن ت ي ش ك
ت ي ن ت ي ش ك
ك ي ن ت ي ش ك

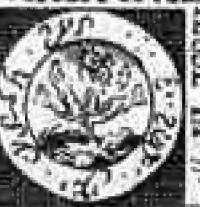
ALTARE THY



RABBINOTHE-SALONICVM

א ב כ ד ה ג ז ي
ل م ن س و ك ب
ر ك ن ت ي ش ك
ت ي ن ت ي ش ك
ك ي ن ت ي ش ك

VIRGA de radice



ADAMÆVM

א ב כ ד ה ג ז ي
ل م ن س و ك ب
ر ك ن ت ي ش ك
ت ي ن ت ي ش ك
ك ي ن ت ي ش ك

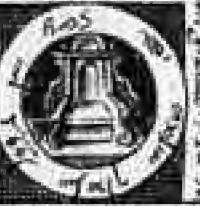
QUASI AURORA



SYROHEBRAICVM

א ב כ ד ה ג ז ي
ل م ن س و ك ب
ر ك ن ت ي ش ك
ت ي ن ت ي ش ك
ك ي ن ت ي ش ك

THRONVS de



SOLOMONICVM

א ב כ ד ה ג ז ي
ل م ن س و ك ب
ر ك ن ت ي ش ك
ت ي ن ت ي ش ك
ك ي ن ت ي ش ك

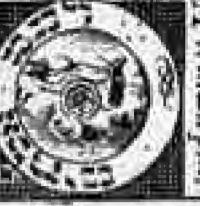
PROPIITIATORIV



MYSTICVM

א ב כ ד ה ג ז ي
ل م ن س و ك ب
ر ك ن ت ي ش ك
ت ي ن ت ي ش ك
ك ي ن ت ي ش ك

CVRRVS



NOACHICVM

א ב כ ד ה ג ז ي
ل م ن س و ك ب
ר ك ن ت ي ش ك
ت ي ن ت ي ش ك
ك ي ن ت ي ش ك

TERRIBILIS MELANCHOLIA ANXI



SYRIACVM

MARONITICVM

Ave Maria mater Dei, Regina Celi, porta Paradisi.

اَللّٰهُمَّ اسْهِبْرْنَا بِرَبِّنَا مَرْيَمَ بِنْتَ اَبِي اَنْبَاطِنَّا

اَللّٰهُمَّ اسْهِبْرْنَا بِرَبِّنَا مَرْيَمَ بِنْتَ اَبِي اَنْبَاطِنَّا

Ave Deipara, pax tibi mater lucis.

اَللّٰهُمَّ اسْهِبْرْنَا بِرَبِّنَا مَرْيَمَ بِنْتَ اَبِي اَنْبَاطِنَّا

اَللّٰهُمَّ اسْهِبْرْنَا بِرَبِّنَا مَرْيَمَ بِنْتَ اَبِي اَنْبَاطِنَّا